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5 December 2000

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TO: Capt Lambert

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SUBJECT: WEB Demonstration Test Results Report - Final

ENCLOSURE: TRW/LAY-00-0116-TR, WEB Demonstration Test Results Report, for

Contract Number: GS-23F-8079H, Task Order 0055

Capt Lambert,

Enclosed you will find the finalized WEB Demonstration Test Results Report. This report fulfills the contractual requirements associated with SOW Objective One, Conduct CCS WEB Demonstration and Evaluation.

If you have any questions or comments, please contact me at (801) 774-3038.

Sincerely,

- SIGNED -

Susan Moss Program Manager

swm

WEB DEMONSTRATION TEST RESULTS

FOR THE COMMAND CORE SYSTEM

(CCS)

Contract No: GS-23F-8079H Task Order: 055

August 2000

PREPARED FOR:

AFIERA/RSEC 2513 Kennedy Circle Brooks AFB, TX 78235-5213

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Abbreviations

AFB Air Force Base

AFRES Air Force Reserves

ANG Air National Guard

CCS Command Core System

HP Hewlett Packard

MB Megabyte

RAM Random Access Memory

POC Point of Contact

PC Personal Computer

1. Objectives:

The objectives of the Command Core System (CCS) WEB Demonstration are listed below.

- To demonstrate a WEB enabled version of CCS in a pseudo operational environment.
- To test the system using operational users that are not part of the normal testing function to validate the usability of the product in a distributed environment.
- To pave the way for complete WEB deployment of CCS to the entire Air Force.

2. Background

CCS was originally designed and deployed in a client-server configuration. At the time of the original requirement determination, use of WEB technology was neither prevalent nor mature. As the product continued to mature so did the available WEB technology and supporting tools. These tools have advanced to the point where the client server version of the software can be ported to the WEB with very little rework and re-coding.

The Air Force is seeking ways to complete Air Force wide deployment of CCS, reduce life cycle cost of the system, and is exploring a single centralized database to house all CCS data. The use of WEB technology with its thin client and centralized server architecture shows promise as a way to both complete deployment and reduce the life cycle cost of the system.

3. Test Configuration

3.1. Test Configuration – Hardware

Figure 1 is a pictorial representation of the hardware configuration used to conduct the test. This configuration was used to answer two fundamental problems that may be encountered in a standard setup. First, the configuration allowed the forms/reports server to be outside the base firewall so users outside of Hill Air Force Base (AFB) did not require direct access through the Hill AFB firewall. Second, this setup demonstrated the ability to run the forms/reports and database on separate servers allowing workload distribution.

Forms/Reports Server: The Forms/Reports server was a Hewlett Packard (HP) HP9000 D220 of the same configuration as the majority of the CCS database servers. The server had 128 megabytes of RAM (random access memory) and 6 gigabytes of hard disk space. The Forms/Reports server was placed outside the Hill AFB firewall. The hole in the firewall between the Forms/Reports server and the database server was restricted to only pass traffic between the two servers. Users were not allowed to "jump" through the hole to gain access to the database server inside the Hill AFB firewall. This type of security will be required when CCS is deployed in a WEB environment where the server is not local.

Database Server: The database server was also an HP9000 D220 of the same configuration as the majority of the CCS database servers. This server also had 128 megabytes of RAM and 6 gigabytes of hard disk space. It was configured the same as the servers in the field.

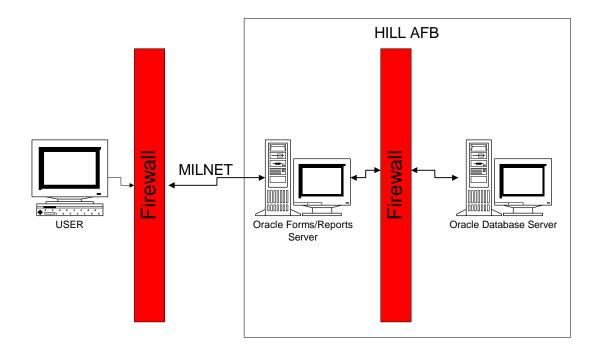


Figure 3-1 Test Configuration

3.2. Test Configuration – Software

The following is a list of software that was used during the test.

Server:

- Oracle Forms Server (WEB Cartridge)
- Oracle Database Version 7.3
- CCS Version 4.1 database with forms and reports compiled on HP with Oracle Runtime 6.0

User's Personal Computer (PC):

- Netscape Communicator Version 4.5 or higher OR
- Internet Explorer Version 5
- Oracle J-Initiator Applet Version 1.1.7.27

4. Test Activities

4.1. Pre-test Activities

The following pre test activities were completed:

- Modified all reports to run in a WEB configuration.
- Compiled and tested CCS executables on HP platform only those forms used in the test scenarios were corrected if errors were found
- Loaded WEB forms server on an HP D220 server

- Loaded CCS Version 4.1 on an HP D220 server
- Moved Forms/Reports server and database server to Hill AFB for testing

4.2. User Test Responsibilities

The test users were responsible for conducting a pre test (test #1) then conducting regular testing on ten consecutive test days. The test period began on 19 June and continued until 30 June 2000. The users were asked to send the results of each test to TRW for compilation in this report.

Testing was scheduled for a specific time each day. The testing was conducted at the given times to test the server's ability to handle many users concurrently.

4.3. Test Evaluation Criteria (What We Expected)

The test results were evaluated against two basic criteria. One, did the system work properly in the configured WEB environment. Two, was the response time acceptable to the user . The first criteria, did the system work, is objective and can be measured. Since this is an evaluation of how the system works in the WEB environment and not a test of its ability to meet all business practice requirements of the test bases, the measurement will be of the systems performance in the WEB environment as compared to its performance in the existing client server environment. The second criteria is more subjective and will be measured as a result of estimates made by the testers and the general impression of the testers, this will also be compared to CCS performance in the existing client server environment.

4.4. Conducting The Test

The testing began on 19 June and continued through 30 June. A summary of the bases' testing on the specific days is included in Attachment 2. The test schedule, Attachment 1, shows each test base scenario that was scheduled to be run on a specified day, and the time the scenario was to be ran.

Each base was assigned a specific user name and password. Five bases and the Help Desk conducted the tests. The bases are listed below with the point of contact (POC) for the test.

Base	Name	Phone
Elmendorf AFB, AK	Maj Dena Maher	901-580-4158
Dobbins ARB, GA	Grant Lynch	770-919-5781
Barksdale AFB, LA	Lt Phillip Norton	318-456-6727
Andrews AFB, VA	Ssgt Paul Degere	240-857-3327
Maryland ANG, MD	TSgt Tonya Coltus	DSN 243-6428
Help Desk	Bud Toso/Jan Wagner	DSN 240-4150

Test scenarios one through ten can be found in Attachment 3. These scenarios were used by the testers to conduct the test. The test scenarios were structured such that each test was conducted twice using different data. Test 1 and Test 5, are both titled "Performing a General and Risk Assessment" and are the same tests with the exception of the data selected. Test 2 and 6 were the same test, etc.

5. Test Results

5.1. Individual Base Results

5.1.1. Andrews

Andrews only completed one test and partially completed another. There were misunderstandings as to what was required by base personnel and availability issues. Of the two tests they attempted, the response time of the system was classified as high. Screen response time varied from 2-5 seconds. This is slower than client/server but still considered in the acceptable range.

5.1.2. Baltimore

Baltimore Air National Guard (ANG) completed three tests and partially completed one other. They experienced good response times, 1-2 seconds per each screen, tying with Dobbins for the fastest response times of all the bases performing this test

5.1.3. Barksdale

Barksdale completed six tests and partially completed two others. The base comm changed the proxy server the last two days of the test (without notifying personnel), therefore, they were unable to complete the tests. They had the slowest response times for all the bases, averaging about 15 seconds for each screen. However, there is known connectivity problems getting to anything outside their building, so slow response times were expected (the entire network only used a 56K line). They are moving to new facilities (around Christmas 2000).

5.1.4. Dobbins

Initially there were problems getting Dobbins connected, and the agreement was made to begin the testing without them. Once they were connected, they completed three tests and partially completed another. They had good response times, 1-2 seconds per screen, tying with Baltimore for the fastest response times.

5.1.5. Elmendorf

Elmendorf completed seven tests and partially completed test 8. They had the biggest variance in regards to response time of any of the bases. For the most part, they had good response time, however, Test 3, conducted at 1030 (local time) Wed, 21 June, was reported as not responsive. The system started out working well, bogged down, was restarted, and then worked well again.

Test 6, conducted at 0900 (local time) Mon, 26 June began, with good response times, and bogged down during the testing period, very similar to test 7, conducted at the same time on the following day. They had problems conducting test 8, and did not complete the test.

5.1.6. Help Desk

The Help Desk conducted test 3, using the Dobbins scenarios. The response time for the system was classified as high. Screen response time varied from 2-5 seconds.

5.2. Baseline

The baseline testing was conducted at the development site, TRW Inc, using the fielded client/server configuration. An experienced CCS user conducted the testing, therefore the time to complete each test was much faster than the WEB Demo participants . Screen response times ranged from 1-2 seconds depending on the complexity of the form. All tests were conducted.

5.3. Summary

5.3.1. Objectives

The objectives of the CCS WEB Demonstration were met.

The first objective was to demonstrate CCS in a WEB environment that closely simulates an operational environment. Six bases successfully were able to use CCS over the WEB and conduct tests with acceptable response times. The configuration mirrored that of a centralized CCS configuration in that all bases connected to the same database.

The second objective was to test the system using personnel with little or no previous CCS experience. With the exception of the Help Desk, the users conducting the test had little if any experience using CCS. The time to conduct each test compared to the baseline tester displays the "learning" curve of the testers. Even given the inexperience of the testers with CCS, they were able to conduct the tests with no help from TRW.

The third objective was to pave the way to complete deployment of CCS to the entire Air Force in a WEB environment. Changes were made to the baseline forms/reports of CCS to prepare for the deployment of CCS in a WEB configuration. The biggest change was to the execution of the reports. In the client/server environment, the Oracle report parameter was used to execute the reports. To execute reports on the WEB, they needed to be launched from a form. All report parameters were re-written to forms for execution. Other smaller types of changes were also made to the forms, mostly for the "look" of the form on the screen.

5.3.2. Tests Completed

Twenty-seven total test scenarios were conducted; each test scenario was completed at least three times. Figure 5-1 below depicts the total number of tests completed broken down by the test. Even though each base did not conduct all of the test scenarios, sufficient testing was completed to meet the objectives of the CCS WEB Demonstration test.

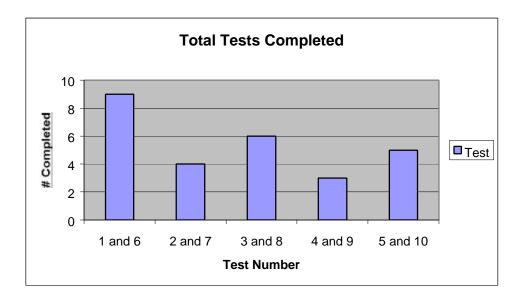


Figure 5-1 Total Tests Completed

5.3.3. System Response Time

From the user's perspective, how quickly the system responds is a key factor in the satisfaction of the system. For a WEB-based system, the primary system response is the "painting" of the screen on the user's computer followed by the access time (query and commit) of the database. The database response will be the same for a client/server connection as for a WEB-based connection and therefore was not reported in this test. Response time for the baseline system to load each screen was 1-2 seconds. The response time for most of the tests conducted at each base to load each screen was also 1-2 seconds. Figure 5-2 depicts the average response category each base experienced.

A comparison was made between the response times experienced by the users and the level of computer used to conduct the tests. As expected, those computers with more RAM and video card memory had the best response times. The only other factor affecting response time was the individual base network pipe size. This was not documented in this test. Barksdale had a known problem with network line pipe size as well as had the lowest end computer in the test group. This explains the slowest response times. The overall average response time was virtually the same as the current client/server environment.

Each computer used in the test, reported by base, was given a ranking for the memory, video card memory, and overall response time. The computers with more memory were given a 3 rating, the lower end a 2. This was the same for video card memory and response time. This scale is depicted below.

Memory (in Megabytes)	Video Card Memory	Response
	(in Megabytes)	
128 MB = 3	8 MB = 3	H = 3
64 MB = 2	4 MB = 2	M = 2
32 MB = 1	2 MB or less = 1	L = 1

A chart was developed, see Figure 5-2 to graphically depict the computer's capability to the response time received using the rating system explained above. The baseline, client/server test results are also depicted for comparison.

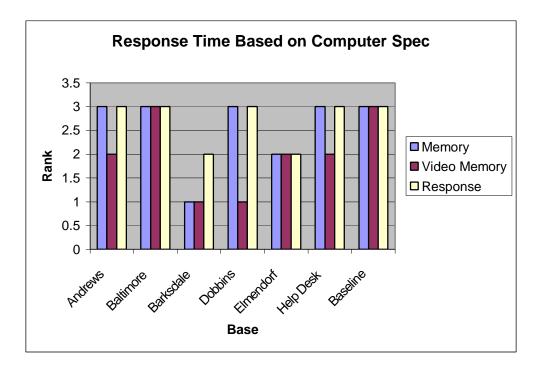


Figure 5-2 Response Time Based on Computer Specification

Based on these results, the recommended computer for connecting to CCS via the WEB is 128 megabytes of memory with an 8 megabytes video card. The minimum system should have 64 megabytes memory and 4 megabytes video card. Although the test proved you can run CCS on a lower level machine, we do not recommend running via the WEB on lessor computers (less than 32 megabytes of memory, 2 megabytes video card), the slow response times will frustrate users and cause them to not use the system.

5.3.4. Testing Time

The tests were designed to take users approximately 30 minutes to complete. This was based on the objective that non-CCS experienced users were conducting the tests. The average time to complete all tests was 36 minutes. Thus, the estimate was very close to the actual. The estimate was based on an acceptable response time, which was experienced in most of the test cases. Figure 5-3 displays the average time for the test bases to conduct the tests compared to the baseline. The longer response times for the tests was directly related to system response time versus lack of understanding the test scenarios as documented by the test results from each base. An experienced CCS user conducted the baseline tests, hence the better than expected response times.

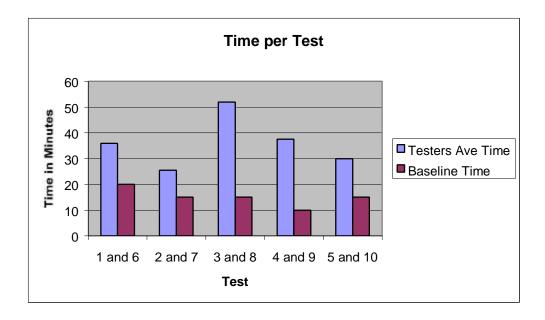


Figure 5-3 Average Time per Test

5.4. Issues

5.4.1. Forms Compiler

Two issues **must** be resolved prior to deploying CCS in a WEB environment, font size, and undefined attribute (default value) errors. Both issues are a problem with the developer—forms UNIX compiler on the HP platform. The first problem is with the fonts. The initial font on the form, typically the title, is used for all of the fonts in the form that are not specifically identified (those using the default settings). For most of the forms this means that the title for the field came in with a larger than normal font, so some of the text for the field was hidden behind the data entry field.

Using default settings during the original development of the form caused the second problem. Using defaults allowed the developers to not specifically identify every aspect of the form and individual fields if the value defined as default was desired. The default on the HP compiler was

different than on the Microsoft NT compiler (the development platform). This resulted in errors typically identified as "Undefined Attributes". Each form must be tested in the WEB environment to detect these types of errors.

Both of the above issues are cosmetic in nature and do not affect the functionality of the form. However, they do directly affect the use.

Oracle has assured us that the newest compiler for the HP (Version 6i) will resolve at least the font issue, and possibly the default value issue. TRW received this software during the testing phase of this project and has not installed the software and tested Oracle's claim. The installation and testing of the forms compiled in 6i will need to be accomplished under a future contract prior to deploying CCS as a WEB application.

5.4.2. Milnet

The milnet bandwidth capacity could be an issue and must be addressed as a risk when WEB deployment is pursued. Each base's bandwidth is different and could affect the response time of CCS if deployed in a centralized configuration where the base will be going over the milnet for connection. If CCS is deployed in a WEB configuration, but the server resides on the base, (inside the base firewall) then milnet bandwidth would not be an issue , however, the bandwidth of the base's network must be addressed. This configuration is not anticipated to be a problem.

5.4.3. Security

Security of the data while operating in a WEB based configuration will be required. The C2 security approval will need to be updated to address the use of CCS in a WEB configuration. These issues must be addressed prior to deployment in a WEB configuration.

6. Recommendations

The success of the CCS WEB testing proves that CCS can be deployed in a WEB configuration. Recommend planning be completed and funding obtained to deploy CCS in a WEB configuration.

Steps that will need to be accomplished:

- Compile the forms in the new Developer 6i (which should eliminate the font problem)
- Beta test at selected bases to ensure no form errors occur in the code based on the use of defaults
- Update C2 documentation (address additional security when operating outside base firewall)
- Deploy to bases

Deploying CCS in a WEB environment can be accomplished is a variety of ways.

- 1. Deploy the forms as an intranet solution where each base will retain their CCS server, and the forms will be loaded at each base on the CCS server.
- 2. Deploy the forms in a central location, access the database at each base.

3. Deploy the forms in a central location with all of the databases also located at the central location.

The pros and cons for each deployment option are listed in the table below.

PROS	CONS
Option 1 - Deploying as an intranet solution	
 The forms and database are behind the base firewall. Do not have to work solutions to cross the milnet to access. The servers are already deployed to the bases. Quickest (and lowest cost) solution to deploy WEB. Configuration tested during the WEB Demo testing. System downtime will be minimal, only when base network is down. Option 2 - Deploy the forms at a central location Maintain configuration control for all bases. MAJCOM and other HQ personnel can obtain information readily. Only one point of access for maintenance of forms. Could be interim solution for implementing a central CCS option. 	 Will still have to maintain servers for each base. Will have to have firewall open on each base for maintenance. Will not have total configuration control, bases will still have to download forms for patch updates. Access from MAJCOM or HQ personnel will require a base firewall opening, connectivity based on access through the milnet. n, access local databases. Numerous access problems due to milnet connectivity. Speed of access is dependent upon base access to the milnet. System will be inaccessible when milnet connectivity is down (routers) or firewalls are changed. Increased security requirements. No long-term savings on hardware. Will still have to maintain servers for each base. Will have to have firewall open on each base for maintenance. Will require additional hardware to
	support the forms (forms server
Ontion 3 - Deploying at a central location	software).
Option 3 - Deploying at a central location • Maintain configuration control for all	Numerous access problems due to
 bases. Only one point of access for maintenance. MAJCOM and other HQ personnel can obtain information readily. Lower long-term hardware support 	 milnet connectivity. Speed of access is dependent upon base access to the milnet. System will be inaccessible when milnet connectivity is down (routers) or firewalls are changed.
costs. • Provides a central location for all	Heavy investment to relocate servers (and/or purchase new) at central site.

PROS	CONS
ESOH data.	Most expensive solution for WEB
• Supports cost effective deployments to	implementation and will take the
ANG, AFRES.	longest time to implement.
	Increased security requirements.
	Will require additional hardware to
	support the forms (forms server
	software).

WEB deployment of CCS can be a phased approach. Option 1 – deploying as an intranet solution can be implemented at some bases while the planning and efforts to move into a central system are underway. This will provide some the benefits of a WEB implementation quickly, with minimal costs. Systems can be migrated to a central location in a timely manner as hardware ages and causes increased support costs.

The Air National Guard (ANG) and Air Force Reserves (AFRES) currently do not have CCS deployed at their facilities. Any of the above options to implement CCS as a WEB application could be utilized to provide access to the ANG / AFRES. As an intranet solution, place the database instance for the ANG/AFRES component on the host base's server. ANG/AFRES personnel could be given access through a firewall into the application. The host base will maintain the server, and provide other SA admin duties. The ANG/AFRES base will be responsible for the data entered into the system. Option 2, the central location for forms, distributed servers solution will be implemented the same as an intranet solution, the host base's CCS server will have an instance for the ANG/AFRES base. The central solution will treat ANG/AFRES bases the same as currently deployed bases.

Attachment 1 – Test Schedule

	Test Day		Test	Day 2	Test	Day 3	Test	Day 4	Test Day 5	
Base	Test	Time	Test	Time	Test	Time	Test	Time	Test	Time
Andrews	1	1100	2	1300	3	1400	4	1500	5	1600
Baltimore	2	1100	3	1300	5	1400	5	1500	1	1600
Dobins	3	1100	4	1300	1	1400	1	1500	2	1600
Barksdale	4	1000	5	1200	2	1300	2	1400	3	1500
Elmendorf	5	0700	1	0900	3	1000	3	1100	4	1200

	Test Day 6 Te		Test	Test Day 7		Test Day 8		Day 9	Test Day 10	
Base	Test	Time	Test	Time	Test	Time	Test	Time	Test	Time
Andrews	1	1200	2	1300	3	1400	4	1500	5	1600
Doltimore	2	1200	3	1200	4	1400	5	1500	1	1600
Baltimore		1200	3	1300	4	1400	5	1500	'	1600
Dobbins	3	1200	4	1300	5	1400	1	1500	2	1600
Barksdale	4	1100	5	1200	1	1300	2	1400	3	1500
Elmendorf	5	0000	1	0000	2	1000	3	1100	4	1200
Eillendon	ວ	0800	ı	0900		1000	3	1100	4	1200

Attachment 2 – Test Result Summaries

Key:

Conducted This field indicates if the test was completed, partially completed, or not completed and the reason. Some tests were begun but

not completed for various reasons, e.g., the system did not respond as the test indicated and personnel did not know how to

continue, the system went down, the system locked up, etc.

Responsiveness This field indicates how responsive the system was to the user, ranked from 1-10, translated to High, Medium, Low. This was

a subjective ranking from the participants' combined with the reported times to load new screens (display screens on the user's

PC) and commit data.

Test Time (minutes) This was the time it took to conduct the test. The bases selected had not received CCS, and had little to no experience using

the system. The baseline tester was an experienced CCS user and therefore was able to complete the tests much more rapidly.

Base / Test	1	2	3	4	5	6	7	8	9	10	System	
Andrews												
Conducted	partial	sys down		sys down	completed						Processor	450 MHz
Responsiveness - (L, M, H)	Н				Н						RAM	128 MB
Test Time (minutes)					40						Video Card	Maxtor
											Video RAM	4MB
Baltimore												
Conducted	completed		completed		completed	partial					Processor	pent 3
Responsiveness - (L, M, H)	Н		Н		Н	Н					RAM	128 MB
Test Time (minutes)	25				35						Video Card	Raypro
											Video RAM	8 MB
Barksdale												
Conducted	completed	completed	completed	completed	partial	partial	completed	completed	proxy down	proxy down	Processor	
Responsiveness - (L, M, H)	Н	М	М	Н	М	М	М	L			RAM	32 MB
Test Time (minutes)	50	30	40	15			32	39			Video Card	
, i											Video RAM	256K
Dobbins												
Conducted	partial			completed	completed	completed					Processor	Pentium
Responsiveness - (L, M, H)	H			Н	Н	Н					RAM	128 MB
Test Time (minutes)	26			45	25	22					Video Card	
											Video RAM	2 MB

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Elmendorf												
Conducted	completed	partial			Processor	OS NT						
Responsiveness - (L, M, H)	M	M	Н	Н	Н	М	M	М			RAM	64 MB
Test Time (minutes)	30	25	20	15	20	56	15				Video Card	Viper V330
											Video RAM	4 MB
Help Desk												
Conducted			completed								Processor	450 P3
Responsiveness - (L, M, H)	•		Н								RAM	128 MB
Test Time (minutes)			70								Video Card	Matror Graphics
											Video RAM	4 MB
Baseline												
Conducted	completed	Processor	300 P3 - NT									
Responsiveness - (L, M, H)	Н	Н	Н	Н	Н	Н	Н	Н	Н	Н	RAM	128 MB
Test Time (minutes)	20	15	15	10	15	20	15	15	10	15	Video Card	ATI Technologies
											Video RAM	4 MB

Attachment 3 – Test Scenarios

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

AND for Andrews

BAL for Baltimore

BAR for Barksdale

DOB for Dobbins

ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action Start	tart CCS								
What time did you start the test? (time zone)									
Response Time	# Seconds								
Comments:									

2. Action	Click the ACCEPT button to display the MAIN MENU.								
Response Time	e	For the screen to appear?	# Seconds						
Comments:									

3. Action	Click the INDUSTRIAL HYGIENE MENU button.							
Response Time	e	For the screen to appear?	# Seconds					
Comments:								

4. Action	Click the ASSESSMENT MENU button.			
Response Time For the screen to appear?		For the screen to appear?	# Seconds	
Comments:				

5. Action	Click t	the GENERAL ASSESSME	NT button.
Response Time For the screen to appear? # Secon			# Seconds
Comments:			

6. Action	The General Assessment screen is used to identify potential hazards in a PEG or Activity/Process. Select "BASE-001"			
	from the PEG list and click OK . Press the Enter key.			
Response Time	Response Time For the list to appear? # Seco			
Number of PEGs in the list. (Displayed at the # of F			# of PEGs	
bottom of the screen while the list is showing.)				
*A General Assessment must be completed before any surveys can be				
performed.				
Comments:				

7. Action	Go to the FUNCTIONAL AREA field in the HAZARD BY			
	FUNCTIONAL AREA block. Pick			
	"BIOENVIRONMENTAL ENGINEERING" from the list			
	and cli	and click OK .		
Response Tim	e	For the list to appear?	# Seconds	
Number of FUNCTIONAL AREAS in the list. # in the			# in the List	
(Displayed at the bottom of the screen while the				
list is showing.)				
Comments:				

8. Action	A list of HAZARDs should now be displayed. Click in the
	box to the right of the following Hazards:
	• CHEMICALS
	DIRECT CONTACT CHEMICALS THAT CAN BE
	ABSORBED THROUGH THE SKIN
	DIRECT CONTACT WITH CORROSIVE OR
	IRRATATING MATERIALS TO THE SKIN
	DIRECT CONTACT WITH CORROSIVE OR
	IRRITATING MATERIALS TO THE EYES
	• INTERMITTENT INHALATION (VAPORS)
*The hazards s	selected are ones the BEE believes may be present in the PEG.

*The hazards selected are ones the BEE believes may be present in the PEG. This list will be used to help evaluate the PEG and discover if the risk does exist. The IH surveys can not be performed with out a General Assessment. Comments:

9. Action	Click the Commit button in the toolbar.
Comments:	

10. Action	Adding new Functional Area and Hazards. Go to the Menu			
	item in the pull down menu. Select Industrial Hygien			
	then I	ndustrial Hygiene Menu.		
Response Time		For the screen to appear?	# Seconds	
Comments:				

11. Action	Click the VALIDATION TABLES M	IENU button.
Response Time	For the screen to appear?	# Seconds
Comments:		

12. Action	Press the "F" key and the list will only display things that begin with "F". Select "FUNCTIONAL AREA HAZARD" and click OK.		
Response Tim	ie	For the screen to appear?	# Seconds
Comments:			
13. Action	Query	all of the records by clicking t	the Query button twice.
Response Tim	·	For the query?	# Seconds
Comments:			
14. Action	All of the Functional Areas that have been created will be displayed in this form even if they have not had any Hazards linked to them. By pressing the down and up arrow keys you can scroll through the Functional Areas and see the Hazard assigned to them. Try to find the Functional Area of "BASE-001". This Functional Area should not be in the list. To create it click the ADD FUNCTIONAL AREA button in the toolbar.		
Response Tim	ie	For the screen to appear?	# Seconds
Comments:			
15. Action	Click	the Insert button in the toolba	r.
Comments:			
1.5		(DAGE AND A TENTOTE	
16. Action	Enter	"BASE-001" in the FUNCTION	DNAL AREA field.
Comments:			

17. Action	Enter "1999/01/01" in the START Da	ATE field.
Comments:		
18. Action	Click the Commit button in the toolb	ar.
Comments:		
10 4 4		
19. Action	Click the Exit button in the toolbar.	
Comments:		
20. Action	Click the Insert button in the toolbar.	
Comments:	chek the msert button in the toolbar.	
Comments.		
21. Action	Select "BASE-001" from the FUNCT	ΓΙΟΝΑL AREA list and
	click OK .	
Response Tim	e For the list to appear?	# Seconds
Comments:		
22. Action	The FUNCTIONAL AREA you creat	
	hazards associated to it so you must d	
	cursor should be in the START DAT	
C	block. Change the date to " 1999/01/0	or. Press Enter
Comments:		

23. Action	Select "CHEMICALS" from the HAZARD list and click			
D	OK.		W C 1	
Response Tim	<u>ie</u>	For the list to appear?	# Seconds	
Comments:				
24 4 4		41 4 1 1 1 CTADT	DATE E	
24. Action		the next blank records START /01/01".	DATE. Enter	
Comments:				
25. Action	Select OK .	"EXPLODING" from the HA	AZARD list and click	
Response Tim	ie	For the list to appear?	# Seconds	
Comments:				
26. Action	Click	the Commit button in the tooll	oar.	
Comments:				
27. Action	Click	the Exit button in the toolbar.		
			cnlayed	
The INDUSTRIAL HYGIENE MENU should be displayed. Comments:				
20 4 4	G1: 1	d T 41 4 . 11		
28. Action		the Exit button in the toolbar.	' 1 1	
The GENERAL ASSESSMENT screen should be displayed. Comments:				

29. Action	Click in the FUNCTIONAL AREA field.		
Comments:			
30. Action	Click the New Record button in the	toolbar.	
Comments:			
31. Action	Select "BASE-001" from the FUNC	TIONAL AREA list and	
	click OK .		
Response Tin	ne For the list to appear?	# Seconds	
Comments:			
32. Action	Click in the boxes next to the		
	• CHEMICALS		
	• EXPLODING		
	Hazards		
Comments:	111111111111111111111111111111111111111		
Committee:			
33. Action	Click the Commit in the toolbar.		
Comments:	ener me comme in me tosicur.		
Comments.			
34. Action	Click in the PEG field and click the	New Record button in	
	the toolbar.	rew record addition in	
Comments:	the toolour.		
Comments.			

35. Action	Pick " Enter	BASE-005" from the PEG list	and click OK . Hit
Response Tim	e	For the list to appear?	# Seconds
Comments:			
36. Action		back in the PEG field. Click the SSMENT button.	ne RISK
Response Tim	e	For the screen to appear?	# Seconds
Comments:			
37. Action	The RISK ASSESSMENT screen is an easy place to find what surveys have been performed for the PEG. The first five fields display the PEG or ACTIVITY/PROCESS information.		
Comments:			
38. Action	The C	URRENT CONTROLS block	will display all of the
	The CURRENT CONTROLS block will display all of the controls assigned to the PEG. It will also display any controls assigned to Activities that have been assigned to the PEG.		
Comments:			
39. Action	The FUNCTIONAL AREA block will show all of the FUNCTIONAL AREAs that were assigned to the PEG in the GENERAL ASSESSMENT screen.		
Comments:			

40. Action	HAZA	AZARD ASSESSMENT bloc ARDS for the displayed FUNC narked in the GENERAL ASS	TIONAL AREA that
Comments:	Were I		<u> </u>
Comments.			
41. Action	T1 II	AZADD EVALUATION I.I.	1:11 4:111 -£41
41. Action		AZARD EVALUATION bloc is that have been performed for	1 0
	FUNC	TIONAL AREA and HAZAR	RD displayed. This block
		so display any surveys perform	ned for the ACTIVITIES
Comments	mat ai	e assigned to the PEG.	
Comments:			
42. Action		the COMMENT button for the EY evaluation type in the HA	
Response Tim		For the screen to appear?	# Seconds
Comments:		The second of th	
10 1		- FDI :	
43. Action		a comment. This comment is f	
		yed, and can only be accessed	
C	ASSE	SSMENT screen. Click the O	K button.
Comments:			
44. Action	Click t	the DISPLAY button for the A	AIR SAMPLING
	SURV block.	EY evaluation type in the HA	ZARD EVALUATIONS
Response Tim		For the screen to appear?	# Seconds
Comments:			
3			

45. Action	The AIR SAMPLING SURVEY screen will be displayed		
	and the	survey for the PEG or Activi	ty will be queried up.
*You can now	update t	he record or click the RESUL	LTS button to see the
results for this	survey		
Comments:			
16 A ation	Cli als 4h	. Trit hatten in the to all an	von abould be neturned
46. Action		ne Exit button in the toolbar,	•
Comments:	to the R	RISK ASSESSMENT screen.	
Comments.			
L			
47. Action	The HA	AZARD RECOMMENDATI	ONS block is used to
	make re	ecommendations to manage the	e hazards identified in
	the HA	ZARD EVALUATIONS bloo	ck. Click the INSERT
	button	in the HAZARD RECOMME	ENDATIONS block.
Response Tim	e	For the screen to appear?	# Seconds
Response Tim Comments:	e	For the screen to appear?	# Seconds
-	e	For the screen to appear?	# Seconds
-	e	For the screen to appear?	# Seconds
Comments:			
-	Press E	For the screen to appear? Conter to accept the current dat	
Comments: 48. Action			
Comments:	Press E		
Comments: 48. Action	Press E		
Comments: 48. Action	Press E		
Comments: 48. Action	Press E field.		te displayed in the DATE
Comments: 48. Action Comments:	Press E field.	Enter to accept the current dat 'NONE" from the RECOMM	te displayed in the DATE
Comments: 48. Action Comments:	Press E field. Select 'click O	Enter to accept the current dat 'NONE" from the RECOMM	te displayed in the DATE
Comments: 48. Action Comments:	Press E field. Select 'click O	Enter to accept the current date 'NONE" from the RECOMM K.	Te displayed in the DATE
Comments: 48. Action Comments: 49. Action Response Tim	Press E field. Select 'click O	Enter to accept the current date 'NONE" from the RECOMM K.	Te displayed in the DATE

50. Action	Loovo	the STATUS as ACTIVE. Pi	olz "FDFITAC IOUN"
50. Action		he ASSESSOR list and click (
ъ т:			
Response Tim	<u>e</u>	For the list to appear?	# Seconds
Comments:			
51. Action	Enter a	a comment in the COMMENT	field and then click the
	INSE	RT button.	
Comments:			
52. Action	Scroll	the screen down to the RISK	ASSESSMENT
	REVI	EWS block. A record was created	ated for the change made
	in the HAZARD RECOMMENDATIONS area. To see what		
	changed click in the WHAT CHANGED field and click the		
	Edit button in the toolbar. Every time a change is made in		
	the HAZARD RECOMMENDATIONS or RISK RATING		
		a record will be created here.	
Response Time		For the screen to appear?	# Seconds
Comments:	<u> </u>	Tor the screen to appear:	ii Seconds
Comments.			
52 A .:	TI D		
53. Action	The RISK RATING block records the current risk rating for		
	the PEG or Activity. Click the INSERT button in the RISK		
		NG block.	
Response Time		For the screen to appear?	# Seconds
Comments:			

54. Action	Select OK.	"ECAMP" from the RATIN	G TYPE list and click
Response Tim		For the list to appear?	# Seconds
Comments:	<u>. </u>	I of the list to appear	n 200mas
55. Action	Select OK.	"MINOR" from the RATIN	G CODE list and click
Response Tim	e	For the list to appear?	# Seconds
Comments:			
56. Action	Select click	"FREITAS JOHN" from th	e ASSESSED BY list and
Response Tim	e	For the list to appear?	# Seconds
Comments:			
57. Action	Click	the Insert button in the toolba	ar.
Comments:			
50 A -4:	C1: -1-	de Committee de la destaction de la des	11
58. Action	Click	the Commit button in the too	ibar.
Comments:			
59. Action	You h	ave completed this test.	
Comments:	1 Ou II	ave completed this test.	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

AND for Andrews

BAL for Baltimore

BAR for Barksdale

DOB for Dobbins

ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action S	tart CCS.			
What time did you start the test? (time zone)				
Response Time	For the screen to appear?	# Seconds		
Comments:				

2. Action	Click the ACCEPT button to display the MAIN MENU.		
Response Time		For the screen to appear?	# Seconds
Comments:			

3. Action	Click the INDUSTRIAL HYGIENE MENU button		
Response Time	2	For screen to appear?	# Seconds
Comments:			

4. Action	Click	the CONTROL MENU butto	n.	
Response Time		For screen to appear?	# Seconds	
Comments:				
5. Action	Click	the ASSIGNING CONTROL	S TO A PEG button.	
Response Tim	e	For screen to appear?	# Seconds	
*This screen is	used to	o assign one or more controls to	a PEG.	
Comments:				
6. Action	Select	"BASE-001" from the PEG lis	st and click OK .	
Response Tim	e	For list to appear?	# Seconds	
Number of PE	Gs in th	ne list. (Displayed at the	# PEGs	
bottom of the s	screen v	while the list is showing.)		
Comments:				
7. Action	Click	in the CONTROL CODE fiel	d of the PEG	
	CONT	TROLS block.		
Comments:				
8. Action	Open	the CONTROL CODE list and	hit the "E" key. This	
	will li	mit the list to all of the controls	that start with "E".	
	Select	"E-M" from the list and click	OK.	
Response Tim	e	For list to appear?	# Seconds	
Number of Co	ntrols i	n the list. (Displayed at the	# Controls	
bottom of the s	bottom of the screen while the list is showing.)			
Comments:				

9. Action	Enter	"1999/01/01" in the CONTRO	L START DATE field.
Comments:	<u> </u>		
10. Action	Click	the Insert button in the toolbar	r to add another record.
Comments:			
11. Action	Open	the CONTROL CODE list and	hit the "R" key This
	_	nit the list to all of the controls	<u> </u>
	Select	"RESP" from the list and clic	k OK .
Response Time	e	For list to appear?	# Seconds
Comments:			
	Г		
12. Action	Enter	"1999/01/01" in the CONTRO	OL START DATE field.
Comments:			
13. Action	Click	the Commit button in the tooll	har
Comments:	CHCK	the Commit button in the took	<i>5</i> u 1.
Comments.			
14. Action	Click	on the "E-M" control code rec	ord. Click the
	ADDI	TIONAL INFORMATION	button in the toolbar.
Response Time		For screen to appear?	# Seconds
_	nd Res	pirator controls have additional	information.
Comments			
Comments:			

15. Action	The ENGINEERING CONTROLS screen allows you to specify one or more pieces of equipment for the control. Click the Exit button in the toolbar.		
Comments:			
Comments.			
16. Action		on the "RESP" control code TONAL INFORMATION	
Response Tim	1	For screen to appear?	# Seconds
Comments:		or a control of the c	
17. Action	specify	ESPIRATOR CONTROLS the type of respirator and the toolbar.	•
Comments:			
	Т		
18. Action		nould be back at the ASSIG creen. Click the Exit butto	SNING CONTROLS TO A on in the toolbar.
Comments:			
19. Action		the ASSIGNING CONTR VITY/PROCESS button.	OLS TO AN
Response Tim	e	For screen to appear?	# Seconds
-		assign one or more control	ls to an Activity/Process.
Comments:			
i e			

20. Action	Select	"AR-02	-AC-21BA	ASE1" f	rom the
	ACTIVITY/PROCESS list and click OK .				OK.
Response Time	e	For list	to appear?		# Seconds
Number of Ac	tivities	in the list	. (Displayed	at the	# Activities
bottom of the screen while the list is showing.)					
*You can limit	the list	by clicki	ng behind the	% sign	and typing in your 3
digit base code	discus	sed earlie	r. Then click	the find	button.
Comments:					
Γ	1				
21. Action		"RESP"	' from the CO	NTROL	L CODE list and click
	OK.	Γ			T
Response Time		l .	to appear?		# Seconds
Number of Co					# Controls
bottom of the s	screen v	vhile the	list is showing	g.)	
Comments:					
	-	·	10.411.1	~ ~ ~ · ·	
22. Action		"1999/01	/01" in the A	CT CNT	TRL START DATE
	field.				
Comments:					
22 4 ::	G1: 1	.1 T	41	, 11	
23. Action	Click	the Inser	t button in the	e toolbai	ſ .
Comments:					
24 Astion	Calaat	"T N/"	From the CON	TDOL	CODE list and alialy OV
24. Action	Select	L-W	rom me CON	IKUL	CODE list and click OK .
Comments:					

25. Action		1999/01/01 " in the ACT CNT	TRL START DATE
	field.		
Comments:			
	T		
26. Action	Click	the Commit button in the tooll	oar.
Comments:			
	ı		
27. Action	Click	the Exit button in the toolbar.	
Comments:			
28. Action	Click	the ASSIGNING PEGS TO	A CONTROL button.
Response Time	e	For screen to appear?	# Seconds
*This screen as	ssigns c	one or more PEGs to a control.	
Comments:			
29. Action	Select OK .	"ORESP" from the CONTRO	OL CODE list and click
Response Time	e	For list to appear?	# Seconds
Comments:			
30. Action	Select	"BASE-001" from the PEG C	D list and click OK .
Comments:	I		

31. Action	Enter "1999/01/01" in the PEG CNTRL START DATE field.
Comments:	
32. Action	Click the Insert button in the toolbar.
Comments:	
·	
33. Action	Select "BASE-002" from the PEG CD list and click OK .
Comments:	
34. Action	Enter "1999/01/01" in the PEG CNTRL START DATE field.
Comments:	
35. Action	Select "BASE-003" from the PEG CD list and click OK .
Comments:	
36. Action	Enter "1999/01/01" in the PEG CNTRL START DATE field.
Comments:	

37. Action	Click the Exit button in the toolbar.		
Comments:			
38. Action	Click	ASSIGNING ACTIVITIES/	PROCESSES TO A
	CON	FROL button.	
Response Time	e	For screen to appear?	# Seconds
*This screen a	ssigns o	one or more Activities/Processe	es to a control.
Comments:			
39. Action	Select	" ORESP " from the CONTRO	OL CODE list and click
	OK.		
Response Time	e	For list to appear?	# Seconds
Comments:			
	1		
40. Action		"AR-02-AC-21BASE1" f	
	ACTI	VITY/PROCESS list and click	COK.
Comments:			
	1		
41. Action		"1999/01/01" in the PRC CNT	TRL START DATE
	field.		
Comments:			
_	T		
42. Action	Click	the Insert button in the toolbar	î.
Comments:			
1			

43. Action	Select "AR-02-AC-21BASE2" from the
	ACTIVITY/PRO list and click OK .
Comments:	
Comments.	
44. Action	Enter "1999/01/01" in the PRC CNTRL START DATE
	field.
Comments:	
45. Action	Select "AR-02-AC-21BASE3" from the
+3. Action	ACTIVITY/PRO list and click OK .
	ACTIVITITE TO HIST AND CHEK OR.
Comments:	
46. Action	Enter "1999/01/01" in the PEG CNTRL START DATE
	field.
Comments:	
17 Astion	Click the Frit bytten in the teelbon. This test is done
47. Action	Click the Exit button in the toolbar. This test is done.
Comments:	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

uDuring the test you will be told what values to select from the lists. Some of the values will start with a three letter identifier for each base. The identifiers are:

AND for Andrews

BAL for Baltimore

BAR for Barksdale

DOB for Dobbins

ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action	Start (CCS. Click the ACCEPT button	
Response Time		For screen to appear?	# Seconds
Response Time	e	For the MAIN MENU	# Seconds
		screen to appear?	
Comments:			

2. Action	Click	the INDUSTRIAL HYGIEN	IE MENU button.
Response Time	e	For screen to appear?	# Seconds
Comments:			

3. Action	Click 1	the EMPLOYEES IN EXPO	SURE GROUP button.
Response Time	e	For the screen to appear?	# Seconds
Comments:			

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

4. Action	Select	"BASE-001" from the PEG li	st and click OK .		
Response Time	e	For the list to appear?	# Seconds		
Number of PE	Gs in tl	ne list. (Displayed at bottom	# of PEGs		
of the screen while list is showing.)					
Comments:	·				
5. Action	Press	return and the cursor should g	o to the SSAN field in		
	the EN	MPLOYEES CURRENTLY IN	N PEG block.		
Comments:					
6. Action	Select	"BASE-001" from the SSAN	list and click OK .		
Response Time For the list to appear? # Seconds					
	Number of employees in the list. (Displayed at # of Employees				
-			# of Employees		
-		in the list. (Displayed at while list is showing.)	# of Employees		
-			# of Employees		
bottom of the s			# of Employees		
bottom of the s			# of Employees		
bottom of the s			# of Employees		
bottom of the s	screen v				
bottom of the s Comments:	screen v	vhile list is showing.)			
bottom of the s Comments: 7. Action	screen v	vhile list is showing.)			
bottom of the s Comments: 7. Action	screen v	vhile list is showing.)			
bottom of the s Comments: 7. Action	screen v	vhile list is showing.)			
bottom of the s Comments: 7. Action	Enter	vhile list is showing.)	DATE field.		
bottom of the s Comments: 7. Action Comments:	Enter	while list is showing.) "1999/05/01" in the START D	DATE field.		
7. Action Comments: 8. Action	Enter	while list is showing.) "1999/05/01" in the START D	DATE field.		

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

9. Action	Select	"BASE-002" from the SSAN	list and click OK .		
Response Tim	l .	For the list to appear?	# Seconds		
-		in the list. (Displayed at	# of Employees		
	bottom of the screen while list is showing.)				
Comments:					
10. Action	Entor	"1999/08/01" in the START D	ATE field		
Comments:	Linter	1999/00/01 in the START L	ATE Held.		
Comments.					
11. Action	Click	the Insert button in the toolbar	•		
Comments:					
12. Action	Salact	"BASE-003" from the SSAN	list and click OK		
Response Tim	1	For the list to appear?	# Seconds		
-		in the list. (Displayed at	# of Employees		
		while list is showing.)	n of Employees		
Comments:					
10 4 4		(1000/11/01);	AFFE C' 11		
13. Action	Enter	1999/11/01 " in the START D	OATE field.		
Comments:					
14. Action	Click	the Commit button in the toolb	par		
Comments:					

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

15. Action	Now we will find all of the PEGs an employee has been			
	assign	assigned. Click the QUERY EMP button in the toolbar.		
Response Time	ne For screen to appear? # Second		# Seconds	
Comments:				

16. Action	Select "11111111" from the SSAN list and click OK. Click		
	the Query button once.		
Response Time	e	For list to appear?	# Seconds
Number of employees in the list. (Displayed at # of Employees			# of Employees
bottom of the s	bottom of the screen while list is showing.)		
Comments:			

17. Action	Only employees who have a PEG assignment will appear in the list. To query on another employee click the Query button once and the SSAN field will turn white and the list button will appear. Select "222222222" from the SSAN list and click OK . Click the Query button once.
Comments:	

18. Action	Click the Exit button in the toolbar.
*You should b	e in the EMPLOYEES IN EXPOSURE GROUP screen.
Comments:	

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

19. Action	Click the Insert button in the toolba	r.
Comments:		
20. Action	Select "BASE-002" from the PEG li	et and aliak OV
		# Seconds
Response Time	1 1 1	
	Gs in the list. (Displayed at bottom	# of PEGs
	while list is showing.)	
Comments:		
21. Action	Dugg noturn and the grages should a	to the CCAN field in
21. Action	Press return and the cursor should gethe EMPLOYEES CURRENTLY II	
Comments	THE EMPLOTEES CURRENTLY II	N PEG DIOCK.
Comments:		
22. Action	Select "BASE-004" from the SSAN	list and click OK
Response Time	L	# Seconds
-	ployees in the list. (Displayed at	# of Employees
	screen while list is showing.)	" of Employees
Comments:		
23. Action	Enter "1999/05/01" in the START I	DATE field.
Comments:		
·		

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

24. Action	Click the Insert button in the toolbar.		
Comments:			
25. Action	Select "BASE-005" from the SSAN	list and click OK	
Response Time		# Seconds	
-	aployees in the list. (Displayed at	# of Employees	
	screen while list is showing.)	" of Employees	
Comments:			
	T // 1000/00/01 !	NATE C' 11	
26. Action	Enter "1999/08/01" in the START I	DATE field.	
Comments:			
27. Action	Click the Insert button in the toolbar	· .	
Comments:			
28. Action	Click the Commit button in the tooll	oar.	
Comments:			
29. Action	Click the Exit button in the toolbar.	You should be at the	
29.71011	INDUSTRIAL HYGIENE MENU.	Tou should be at the	
Comments:			

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

30. Action		ill use the pull down menu on	<u> </u>	
	training area. Click Menu on the toolbar at the top of the			
	screen.			
Response Time	e	For the menu to appear?	# Seconds	
Comments:				
21	C -14	Chanal Familiana		
31. Action	Select	Shared Functions.		
Comments:				
32. Action	Select	Training Menu.		
Comments:	501000			
33. Action	Select	Employee Training.		
Response Time	e	For the screen to appear?	# Seconds	
Comments:				
	1			
34. Action	Select	"BASE-001" from the COUI	RSE list and click OK .	
Response Time		For the list to appear?	# Seconds	
Number of COURSES in the list. (Displayed at # of COURSE			# of COURSES	
bottom of the s	screen v	while list is showing.)		
Comments:				

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

35. Action	Enter "1999/06/01" in the COURSE	DATE field
Comments:	Enter 1777/00/01 in the COURSE	DITTE HOLD.
Comments.		
36. Action	Select "333333333" from the TRAIN	VER list and click OK .
Response Time	e For the list to appear?	# Seconds
Number of TR	AINERS in the list. (Displayed at	# of TRAINERS
bottom of the s	screen while list is showing.)	
*The same cou	irse may be taught on the same day by	different trainers.
Comments:		
37. Action	Select "BASE-001" from the SSAN	list and click OK .
Response Time	e For the list to appear?	# Seconds
Number of EMPLOYEES in the list. (Displayed # of EMPLOYEE		
at bottom of th	e screen while list is showing.)	
Comments:		
38. Action	Click the Insert button in the toolbar	•
Comments:		
39. Action	Select "BASE-002" from the SSAN	list and click OK .
Comments:		

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

40. Action	Click the Insert button in the toolbar.
Comments:	
41. Action	Select "BASE-003" from the SSAN list and click OK.
Comments:	
42. Action	Click the Insert button in the toolbar.
Comments:	
43. Action	Select "BASE-004" from the SSAN list and click OK.
Comments:	
44. Action	Click the Insert button in the toolbar.
Comments:	
45. Action	Select "BASE-005" from the SSAN list and click OK.
Comments:	
46. Action	Click the Commit button in the toolbar.
Comments:	

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

47. Action	To find the training history for an employee put the cursor in			
	the SSAN field in the EMPLOYEES block and the			
	TRAINING HISTORY button in the toolbar should turn on.			
	Click 1	this button.		
Response Tim	e	For the screen to appear?	# Seconds	
Comments:				
48. Action	All of	the courses for the employee w	vill be displayed in this	
	screen	. Print the history by pressing	the PRINT HISTORY	
	button	in the toolbar. (The report sho	uld be printed to your	
	defaul	t printer.)		
Comments:				
49. Action	Click 1	the Exit button in the toolbar.		
Comments:				
50. Action	We ar	e now done with this test.		
Comments:				

CCS WEB Demo Test 3 Adding Employees to a PEG and Creating Training Records

General Post Test Questions

- 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

AND for Andrews

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ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action	Start (CCS. Click the ACCEPT button		
Response Time		For screen to appear?	# Seconds	
Response Time		For the MAIN MENU	# Seconds	
_		screen to appear?		
Comments:				

2. Action	Click	the INDUSTRIAL HYGIE	NE MENU button.	
Response Time	e	For screen to appear?	# Seconds	
Comments:				

3. Action	Click the IH SAMPLING/SURVEY MENU button.		
Response Time For screen to appear? # Second			
Comments:			

4. Action	Click	the AIR SAMPLING SURV	EY button.		
Response Time For the screen to appear? # \$		# Seconds			
Comments:	· · · · · · · · · · · · · · · · ·				
	1				
5. Action		e a new base sample number by left of CREATE NEW BASE	C		
Comments:	•				
6. Action	Select OK .	"E" from the COLLECTION	METHOD list and click		
Response Time	e	For the list to appear?	Seconds		
Comments:					
	1				
7. Action		"X" from the SAMPLE TYPE	E list and click OK .		
Response Time	e	For the list to appear?	# Seconds		
Comments:					
8. Action	The BASE SAMPLE NO should appear once you leave the SAMPLE TYPE field.				
Comments:					
9. Action	Enter field.	"1999/01/01 1200" in the DAT	ΓΕ/TIME OF SURVEY		
Comments:					

10. Action	Select "A" from the TYPE OF SAMPLE list and click OK .		
Response Time		For the list to appear?	# Seconds
Commments:			
11. Action	Select	"BASE-001" from the PEG C	CODE list and click OK .
Response Tim	e	For the list to appear?	# Seconds
Comments:			
12. Action		"BIOENVIRONMENTAL I	
	_	MICALS" from the FUNCTION	JNAL AREA and
	HAZA	ARD TYPE list and click OK .	
Response Time For the list to appear? # Seconds			
Comments:			
10 4 4	G 11	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00/04/04 40000 1 1
13. Action		down the page and enter " 199	
	COLL	ECTION DATES/TIMES ST	OP field.
Comments:			
Comments.			
14. Action	Select	"CH" from the COLLECTIO	N METHOD list and
	click (
Response Tim	e	For the list to appear?	# Seconds
Comments:			

15. Action	Click the Commit button in the toolbar.		
Comments:			
·	T		
16. Action	L	the RESULTS button in the too	
Response Time	e	For the screen to appear?	# Seconds
Comments:			
17. Action	Enter '	"106990" in the CAS NO field.	
Comments:	Linco	10070 m die et 20170 meter	
18. Action	Enter '	'1999/01/15 " in the RESULTS	RETURN DATE field.
Comments:			
10 4-4:00	D. don 6	· " · 41 III CAMDI E CONC	C* .1.1
19. Action	Enter	'~" in the IH SAMPLE CONC	field.
Comments:			
20. Action	Enter '	'500" in the next field.	
Comments:			
	1		
21. Action	Enter '	'PPM " in the UOM field.	
Comments:			

22. Action	Enter	'8 " in the HOUR TWA field.	
Comments:			
23. Action	Click	the TWA CALCULATION b	outton in the toolbar, and
	the TV	VA calculations will be perforn	ned.
Comments:			
24. Action	Click	the Commit button in the toolb	oar.
Comments:			
	_		
25. Action	Click	the Exit button in the toolbar to	go to the Air Sampling
	Surve	y screen.	
Comments:			
	T		
26. Action		the Exit button in the toolbar to	go to the Industrial
	Hygie	ne Menu screen.	
Comments:			
07 4 3	G1: 1		1
27. Action	1	the DOSIMETER SURVEY	
Response Tim	e	For the screen to appear?	# Seconds
Comments:			
ĺ			

28. Action	Enter "1999/01/01 1000" in the DATE/TIME OF SURVEY
	field.
Comments:	
	,
29. Action	Enter "BASE-001" in the SSAN field.
Comments:	
30. Action	Enter "BASE-001" in the PEG field.
Comments:	Bitter Brazil vva in the rate includes
31. Action	Select "BIOENVIRONMENTAL ENGINEERING CHEMICALS" from the FUNCTIONAL AREA list and click OK .
Comments:	
32. Action	Scroll down the page and enter " 3 " in the MONITOR EXCHANGE RATE field.
Comments:	
33. Action	Scroll down the page and enter " 1999/01/01 1800" in the STOP TIME field.
Comments:	

34. Action	Enter "8" in the TWA PERIOD field.
Comments:	
_	
35. Action	Enter "80" in the LEQ/ECL field.
Comments:	
36. Action	Click the CALCULATE button in the toolbar, and the
30. Action	DOSE field will be calculated.
Comments:	DOSE field will be calculated.
Commonts.	
37. Action	Click the Commit button in the toolbar.
Comments:	
Γ	
38. Action	Click the Exit button in the toolbar.
Comments:	
39. Action	This test is done.
Comments:	This test is done.
Comments.	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

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Activity/Process will end in BASE1, BASE2, etc.

1. Action	Start C	CCS. Click the ACCEPT butto	n
What time did you start the test? (time zone)			Time
Response Time		For screen to appear?	# Seconds
Response Time		For the MAIN MENU	# Seconds
		screen to appear?	
Comments:			

2. Action	Click	the OMS/PUBLIC HEALTH	I MENU botton.
Response Time	e	For the screen to appear?	# Seconds
Comments:			

3. Action	Click t	the MEDICAL VISIT button	n.
Response Time		For the screen to appear?	# Seconds
Comments:			

4. Action	Enter "BASE–001" in the SSAN field.
Comments:	
	T
5. Action	Enter "1999/02/01 1120" in the EXAM DATE/TIME field.
Comments:	
·	
6. Action	Enter "A" in the MEDICAL VISIT TYPE field.
Comments:	
- · ·	The state of the control of the cont
7. Action	Enter " F " in the CLINIC VISIT REASON field.
Comments:	
	The state of the s
8. Action	Now go to the CLINIC block and put the cursor in the OPT
	field for the first record.
Comments:	

9. Action	Put a "Y" for the following LAB EXAMS: (Do not hit Enter after entering the "Y", instead use the mouse or the down arrow to move to the next Lab) • VITALS • BLOOD LEAD • CHEM1 LAB • PHYSICAL EXAM Click the Commit button in the toolbar.		
Comments:	1		
Commonts.			
10. Action	Now o	click the AUTO-CALLING S	SCREEN button at the
	top of	the screen. The VITALS scre	en should display.
Response Tim	e	For the VITALS screen to	# Seconds
1		appear?	
Comments:			
11. Action	Enter data into the screen as desired and then click the Commit button in the toolbar.		
Comments:	0 0 1 1 1		
	_		
12. Action	Click the Exit button in the toolbar, the BLOOD LEAD screen should appear.		
Response Tim		For the BLOOD LEAD	# Seconds
Teoponoe Time		screen to appear?	20031105
Comments:		zazam sa mppam.	1

13. Action	Select	"CCSLAB" from the LAB ID	NO list and click OK .
Response Tim	e	For the list to appear?	# Seconds
Comments:			
		T 1 DEGIN	T TO (* 11
14. Action		e Enter key to go to the RESU	LTS field in the
Comments	RESU	LTS block.	
Comments:			
L			
15. Action	Enter	result values for each of the TE	EST TYPEs listed.
Comments:			
	G1: 1		
16. Action	Click the Commit button in the toolbar.		
Comments:			
17. Action	Click	the Exit button in the toolbar, t	the CHEM1 LAB screen
		l appear.	
Response Tim	e	For the CHEM1 LAB	# Seconds
		screen to appear?	
Comments:			
10 A	G 1 .	"CCCLAD" C ALLADID	NOT 1 1 1 OV
18. Action			
Comments:			

19. Action		e Enter key to go to the RESU LTS block.	LTS field in the
Comments:			
	T		
20. Action	Enter	results into the records.	
Comments:			
	1		
21. Action	Click	the Commit button in the toolb	oar.
Comments:			
22. Action	Click	the Exit button in the toolbar.	
Response Time	e	For the PHYSICAL EXAM	# Seconds
		screen to appear?	
Comments:			
22 4 1	Г.	1 : 1 DEGITES 10	
23. Action	Enter	values in the RESULTS and C	OMMENTS fields.
Comments:			
24. Action	Click	the Commit button in the toolb	oar.
Comments:			

25. Action	Click the Exit button in the toolbar, the MEDICAL VISIT
	screen should be displayed.
Comments:	
26. Action	Click in the SSAN field and click the Insert button in the toolbar.
Comments:	
27. Action	Enter "BASE-002" in the SSAN field.
Comments:	
28. Action	Enter "1999/02/01 1120" in the EXAM DATE/TIME field.
Comments:	
29. Action	Enter "A" in the MEDICAL VISIT TYPE field.
Comments:	
30. Action	Enter " F " in the CLINIC VISIT REASON field.
Comments:	

31. Action	Now go to the CLINIC block and pur	t the cursor in the OPT	
	field for the first record.		
Comments:			
32. Action	Put a "Y" for the following LAB EXAMS: (Do not hit Enter		
	after entering the "Y", instead use the	e mouse or the down	
	arrow to move to the next Lab)		
	• VITALS		
	BLOOD LEAD		
	CHEM1 LAB		
	PHYSICAL EXAM		
	Click the Commit button in the tooll	oar.	
Comments:			
Comments.			
33. Action	Click the AUTO-CALLING SCRE	TEN button at the top of	
33. Action	the screen, the VITALS screen should		
Dosponso Tir	·	# Seconds	
Response Tim		# Seconds	
	appear?		
Comments:			
34. Action	Enter data into the screen as desired a	and then click the	
	Commit button in the toolbar.		
Comments:			

35. Action	Click the Exit button in the toolbar, the BLOOD LEAD		
	screen	should display.	
Response Tim	e	For the BLOOD LEAD	# Seconds
		screen to appear?	
Comments:			
	T ~ .		
36. Action	L	"CCSLAB" from the LAB ID	T
Response Tim	e	For the list to appear?	# Seconds
Comments:			
·	T		
37. Action		e Enter key to go to the RESU	LTS field in the
	RESU	JLTS block.	
Comments:			
	T = .	1 1 0 1 01 707	
38. Action	Enter	result values for each of the TE	EST TYPEs listed.
Comments:			
20 4 4	G1: 1	1 0 41 4 1	
39. Action	Click	the Commit button in the toolb	oar.
Comments:			

40. Action	Click the Exit button in the toolbar, the CHEM1 LAB screen		
	should	l display.	
Response Time		For the CHEM1 LAB	Seconds
		screen to appear?	
Comments:			
	T ~ 1	(CCCT 1 7 1 2 1 7 1 7 1 7 1 7 1 7 1 7 1 7 1 7	
41. Action	Select	"CCSLAB" from the LAB II	NO list and click OK .
Comments:			
12 Action	Llit the	Finter leave to go to the DESI	II TS field in the
		e Enter key to go to the RESU ILTS block.	LIS Held III the
Comments:	KESC	E15 block.	
Comments.			
43. Action	Enter	results into the records.	
Comments:			
	_		
44. Action	Click	the Commit button in the tooll	oar.
Comments:			
45 A .:	C1! 1	d T 441 4 d . 41	1 DINGIGAL EXAM
45. Action	Click the Exit button in the toolbar, the PHYSICAL EXA		the PHYSICAL EXAM
D		should display.	Q 1
Response Time		For the PHYSICAL EXAM	Seconds
		screen to appear?	
Comments:			
1			

46. Action	Enter values in the RESULTS and COMMENTS fields.		
Comments:			
47. Action	Click the Commit button in the toolbar.		
Comments:			
48. Action	Click the Exit button in the toolbar, the MEDICAL VISIT		
	screen should display.		
Comments:			
49. Action	This test is done.		
Comments:			

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
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Activity/Process will end in BASE1, BASE2, etc.

1. Action Start	CCS	
What time did you start the test? (time zone)		
Response Time For the screen to appear?		# Seconds
Comments:		

2. Action	Click the ACCEPT button to display the MAIN MENU.		
Response Time	e	For the screen to appear?	# Seconds
Comments:			

3. Action	Click t	the INDUSTRIAL HYGIEN	E MENU button.
Response Time	9	For the screen to appear?	# Seconds
Comments:			

4. Action	Click t	the ASSESSMENT MENU b	outton.	
Response Time	e	For the screen to appear?	# Seconds	
Comments:				

5. Action	Click t	the GENERAL ASSESSME	NT button.
Response Time	2	For the screen to appear?	# Seconds
Comments:			

6. Action	The General Assessment screen is used to identify potential			
	hazard	ls in a PEG or Activity/Process	s. Select "BASE-002"	
	from t	he PEG list and click OK . Pro	ess the Enter key.	
Response Time	e	For the list to appear?	# Seconds	
Number of PE	Number of PEGs in the list. (Displayed at the # of PEG			
bottom of the s	bottom of the screen while the list is showing.)			
*A General Assessment must be completed before any surveys can be				
performed.				
Comments:				

7. Action	Go to the FUNCTIONAL AREA field in the HAZARD BY		
	FUNCTIONAL AREA block. Pick		
	"BIO	ENVIRONMENTAL ENGIN	NEERING " from the list
	and cli	ck OK .	
Response Time	e	For the list to appear?	# Seconds
Number of FU	Number of FUNCTIONAL AREAS in the list. # in the I		
(Displayed at t	(Displayed at the bottom of the screen while the		
list is showing.)			
Comments:			

8. Action	 A list of HAZARDs should now be displayed. Click in the box to the right of the following Hazards: CHEMICALS DIRECT CONTACT CHEMICALS THAT CAN BE ABSORBED THROUGH THE SKIN DIRECT CONTACT WITH CORROSIVE OR IRRATATING MATERIALS TO THE SKIN DIRECT CONTACT WITH CORROSIVE OR IRRITATING MATERIALS TO THE EYES INTERMITTENT INHALATION (VAPORS)
*The hazards	selected are ones the BEE believes may be present in the PEG.
	be used to help evaluate the PEG and discover if the risk does
exist. The IH	surveys can not be performed with out a General Assessment.
Comments:	

9. Action	Click the Commit button in the toolbar.
Comments:	

10. Action	Adding new Functional Area and Hazards. Go to the Menu		
	item in the pull down menu. Select Industrial Hygiene and		
	then In	ndustrial Hygiene Menu.	
Response Time		For the screen to appear?	# Seconds
Comments:			

11. Action	Click the VALIDATION TABLES MENU button.		
Response Time	For the screen to appear?	# Seconds	
Comments:			

12. Action	Press the "F" key and the list will only display things that begin with "F". Select "FUNCTIONAL AREA HAZARD" and click OK.		
Response Tim	e	For the screen to appear?	# Seconds
Comments:			,
13. Action	Query	all of the records by clicking t	he Query button twice.
Response Tim		For the query?	# Seconds
Comments:			
14. Action	displation linked can scrassign "BAS" To create the too		eve not had any Hazards on and up arrow keys you eas and see the Hazard onctional Area of should not be in the list. IONAL AREA button in
Response Tim	e	For the screen to appear?	# Seconds
Comments:			
15. Action	Click	the Insert button in the toolba	r.
Comments:			
1.5		((D) (D) (A) (1) TYPY (TYPY	
16. Action	Enter	"BASE-002" in the FUNCTION	DNAL AREA field.
Comments:			

17. Action	Enter '	'1999/01/01 " in the START D	ATE field.
Comments:			
10 4 1	G11 1		
18. Action	Click t	he Commit button in the toolb	oar.
Comments:			
19. Action	Click t	he Exit button in the toolbar.	
Comments:	CHCK	LAR Outton in the toolbar.	
Comments.			
20. Action	Click t	he Insert button in the toolbar	•
Comments:			
	T		
21. Action		"BASE-002" from the FUNC	TIONAL AREA list and
	click (· · · · · · · · · · · · · · · · · · ·	
Response Tim	e	For the list to appear?	# Seconds
Comments:			
22. Action	The Fi	INCTIONAL AREA you gree	ated will not have any
22. Action		UNCTIONAL AREA you creatly associated to it so you must on	<u> </u>
		should be in the START DAT	
		Change the date to "1999/01/	
Comments:			

23. Action	Select "CHEMICALS" from the HAZARD list and click OK.		
Response Tim	e	For the list to appear?	# Seconds
Comments:			
24. Action		the next blank records START/01/01".	DATE. Enter
Comments:			
25. Action	Select OK.	"EXPLODING" from the HA	AZARD list and click
Response Tim	e	For the list to appear?	# Seconds
Comments:			
26. Action	Click	the Commit button in the tool	bar.
Comments:			
27. Action	Clials	the Exit button in the toolbar.	
			lamlayed
The INDUSTRIAL HYGIENE MENU should be displayed. Comments:			
28. Action	Click	the Exit button in the toolbar.	
The GENERAL ASSESSMENT screen should be displayed. Comments:			

29. Action	Click in the FUNCTIONAL AREA field.	
Comments:		
30. Action	Click the New Record button in the toolbar.	
Comments:		
31. Action	Select "BASE-002" from the FUNCTIONAL AREA	list and
D	click OK .	<u> </u>
Response Tir	me For the list to appear? #	Seconds
Comments:		
32. Action	Click in the boxes next to the	
32. Action		
	• CHEMICALS	
	• EXPLODING Hazards	
Comments:	Hazarus	
Comments:		
33. Action	Click the Commit in the toolbar.	
Comments:	Chek the Commit in the toolear.	
Comments.		
34. Action	Click in the PEG field and click the New Record but	ton in
	the toolbar.	
Comments:	•	

35. Action	Pick " Enter	BASE-005" from the PEG list	and click OK . Hit
Response Tim	e	For the list to appear?	# Seconds
Comments:			
36. Action		back in the PEG field. Click the SSMENT button.	ne RISK
Response Tim	e	For the screen to appear?	# Seconds
Comments:			
37. Action	The RISK ASSESSMENT screen is an easy place to find what surveys have been performed for the PEG. The first five fields display the PEG or ACTIVITY/PROCESS information.		
Comments:			
38. Action	The C	URRENT CONTROLS block	will display all of the
	The CURRENT CONTROLS block will display all of the controls assigned to the PEG. It will also display any controls assigned to Activities that have been assigned to the PEG.		
Comments:			
39. Action	The FUNCTIONAL AREA block will show all of the FUNCTIONAL AREAs that were assigned to the PEG in the GENERAL ASSESSMENT screen.		
Comments:			

40. Action	The HAZARD ASSESSMENT block will display all of the HAZARDS for the displayed FUNCTIONAL AREA that were marked in the GENERAL ASSESSMENT screen.	
Comments:	'	
41. Action	The HAZARD EVALUATION block will display all of the	
	surveys that have been performed for the PEG,	
	FUNCTIONAL AREA and HAZARD displayed. This block	k
	will also display any surveys performed for the ACTIVITIES	3
	that are assigned to the PEG.	
Comments:		
42. Action	Click the COMMENT button for the AIR SAMPLING	
	SURVEY evaluation type in the HAZARD EVALUATIONS block.	3
Response Tim	e For the screen to appear? # Second	ls
Comments:		
43. Action	Enter a comment. This comment is for the evaluation	
	displayed, and can only be accessed in the RISK	
	ASSESSMENT screen. Click the OK button.	
Comments:		
44. Action	Click the DISPLAY button for the AIR SAMPLING	
1 2 23 42 54	SURVEY evaluation type in the HAZARD EVALUATIONS block.	3
Response Tim	For the screen to appear? # Second	ls
Comments:	The second secon	
22		

45. Action	The AIR SAMPLING SURVEY screen will be displayed		
	and the	survey for the PEG or Activi	ty will be queried up.
*You can now	update t	he record or click the RESUL	LTS button to see the
results for this	survey		
Comments:			
16 A ation	C1: a1- 41	. Truit hartton in the to all on	von abould be neturned
46. Action		ne Exit button in the toolbar,	•
Comments:	to the R	RISK ASSESSMENT screen.	
Comments.			
L			
47. Action	The HA	AZARD RECOMMENDATI	ONS block is used to
	make re	ecommendations to manage the	e hazards identified in
	the HAZARD EVALUATIONS block. Click the INSERT		
	button	in the HAZARD RECOMME	ENDATIONS block.
Response Tim	e	For the screen to appear?	# Seconds
Response Tim Comments:	e	For the screen to appear?	# Seconds
-	e	For the screen to appear?	# Seconds
-	e	For the screen to appear?	# Seconds
Comments:			
-	Press E	For the screen to appear? Conter to accept the current data	
Comments: 48. Action			
Comments:	Press E		
Comments: 48. Action	Press E		
Comments: 48. Action	Press E		
Comments: 48. Action	Press E field.		te displayed in the DATE
Comments: 48. Action Comments:	Press E field.	Enter to accept the current dat 'NONE" from the RECOMN	te displayed in the DATE
Comments: 48. Action Comments:	Press E field. Select 'click O	Enter to accept the current dat 'NONE" from the RECOMN	te displayed in the DATE
Comments: 48. Action Comments:	Press E field. Select 'click O	Enter to accept the current date 'NONE" from the RECOMM K.	Te displayed in the DATE
Comments: 48. Action Comments: 49. Action Response Tim	Press E field. Select 'click O	Enter to accept the current date 'NONE" from the RECOMM K.	Te displayed in the DATE

50. Action		the STATUS as ACTIVE. Pi		
D				
Response Time	e	For the list to appear?	# Seconds	
Comments:				
51. Action	Enter	a comment in the COMMENT	field and then click the	
		RT button.		
Comments:	11 (1512)	TT DUILOII.		
Comments.				
	1			
52. Action	Scroll	the screen down to the RISK A	ASSESSMENT	
	REVI	EWS block. A record was created	ated for the change made	
	in the HAZARD RECOMMENDATIONS area. To see what			
	changed click in the WHAT CHANGED field and click the			
	Edit button in the toolbar. Every time a change is made in			
	the HAZARD RECOMMENDATIONS or RISK RATING			
ъ т		a record will be created here.		
Response Time	e	For the screen to appear?	# Seconds	
Comments:				
53. Action	The R	ISK RATING block records th	ne current risk rating for	
33.71011011			_	
	the PEG or Activity. Click the INSERT button in the RISK			
		NG block.		
Response Time	e	For the screen to appear?	# Seconds	
Comments:				

54. Action	Select "IHE" from the RATING TYPE list and click OK .		
Response Time		For the list to appear?	# Seconds
Comments:			

55. Action		"4A" from the RATING COL	1
Response Time	e	For the list to appear?	# Seconds
Comments:			
56. Action	Select	"FREITAS JOHN" from the	ASSESSED BY list and
30. Action	click (ASSESSED DI list alia
Response Time		For the list to appear?	# Seconds
Comments:	<u> </u>	To the list to appear.	ii beconds
Comments.			
57. Action	Click	the Insert button in the toolbar	ſ.
Comments:			
[- a			
58. Action	Click	the Commit button in the tool	oar.
Comments:			
59. Action	You h	ave completed this test.	
Comments:	10411	are completed this test.	
Commonts.			

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

AND for Andrews

BAL for Baltimore

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ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action S	tart CCS.					
What time did you start the test? (time zone)						
Response Time	For the screen to appear?	# Seconds				
Comments:						

2. Action	Click the ACCEPT button to display the MAIN MENU.		
Response Time		For the screen to appear?	# Seconds
Comments:			

3. Action	Click the INDUSTRIAL HYGIENE MENU button		
Response Time	2	For screen to appear?	# Seconds
Comments:			

4. Action Click the CONTROL MENU button.				
Response Time		For screen to appear?	# Seconds	
Comments:				
	ı			
5. Action		the ASSIGNING CONTROL	LS TO A PEG button.	
Response Tim	e	For screen to appear?	# Seconds	
	s used to	o assign one or more controls to	o a PEG.	
Comments:				
Γ	1			
6. Action		a "BASE-004" from the list a	nd click OK .	
Response Tim	e	For list to appear?	# Seconds	
		ne list. (Displayed at the	# PEGs	
bottom of the	screen v	while the list is showing.)		
Comments:	Comments:			
Γ	1			
7. Action		in the CONTROL CODE fiel	d of the PEG	
	CON	FROLS block.		
Comments:				
	1			
8. Action	_	the CONTROL CODE list and	•	
		mit the list to all of the controls		
		"E-M" from the list and click		
Response Tim		For list to appear?	# Seconds	
		n the list. (Displayed at the	# Controls	
	screen v	while the list is showing.)		
Comments:				

9. Action	Enter field.	a " 1999/01/01 " in the CONTR	ROL START DATE
Comments:	nciu.		
Comments.			
10. Action	Click	the Insert button in the toolban	r to add another record.
Comments:			
	T		
11. Action		the CONTROL CODE list and	•
		mit the list to all of the controls	
	l .	"RESP" from the list and clic	1
Response Tim	e	For list to appear?	# Seconds
Comments:			
12. Action	Enter	a "1999/01/01" in the CONTR	ROL START DATE
	field.		
Comments:			
13. Action	Click	the Commit button in the tool	bar.
Comments:			
14. Action	Click	on the " E-M " control code rec	ord. Click the
	ADDI	TIONAL INFORMATION	button in the toolbar.
Response Tim	e	For screen to appear?	# Seconds
*Engineering a	and Res	pirator controls have additional	information.
Comments:	•		

15. Action	The ENGINEERING CONTROLS screen allows you to		
	specify one or more pieces of equipment for the control.		
	Click the Exit button in the toolbar.		
Comments:			
16. Action	Click on the " RESP " control code record. Click the		
	ADDITONAL INFORMATION BUTTON in the toolbar.		
Response Tim			
Comments:	Tor server to appear.		
Comments.			
17. Action	The RESPIRATOR CONTROLS screen allows you to		
17. Action	specify the type of respirator and the cartridge types. Click		
	the Exit button in the toolbar.		
Comments:	the Exit button in the toolbar.		
Comments:			
10 4 4	V 1 111 1 1 AGGIGNING CONTROL G TO A		
18. Action	You should be back at the ASSIGNING CONTROLS TO A		
	PEG screen. Click the Exit button in the toolbar.		
Comments:			
19. Action	Click the ASSIGNING CONTROLS TO AN		
	ACTIVITY/PROCESS button.		
Response Tim	e For screen to appear? # Seconds		
*This screen is	s used to assign one or more controls to an Activity/Process.		
Comments:			

20. Action	Select "AR-02-AC-21BASE4" from the			
	ACTIVITY/PROCESS list and click OK .			
Response Time		For list to appear?	# Seconds	
Number of Ac	tivities	in the list. (Displayed at the	# Activities	
bottom of the s	screen v	while the list is showing.)		
*You can limit	the list	by clicking behind the % sign	and typing in your 3	
digit base code	discus	sed earlier. Then click the find	button.	
Comments:				
	T			
21. Action		" RESP " from the CONTROL	CODE list and click	
	OK.			
Response Time		For list to appear?	# Seconds	
		n the list. (Displayed at the	# Controls	
	screen v	while the list is showing.)		
Comments:				
		(/4000/04/04))		
22. Action		"1999/01/01" in the ACT CNT	TRL START DATE	
	field.			
Comments:				
22	C1: -1-	the TeamerA bestAction for the Action		
23. Action	3. Action Click the Insert button in the toolbar.			
Commonts				
Comments:				
24. Action	Salaat	"E-M" from the CONTROL (CODE list and aliak OK	
Comments:	Sciect	E-WI HOIH HIE CONTROL	CODE list and click UK.	
Comments.				

25. Action	Enter '	"1999/01/01" in the ACT CNT	RL START DATE
	field.		
Comments:			
26. Action	Click	the Commit button in the toolb	oar.
Comments:			
	T		
27. Action	Click	the Exit button in the toolbar.	
Comments:			
28. Action	Click	the ASSIGNING PEGS TO A	A CONTROL button.
Response Time	e	For screen to appear?	# Seconds
	ssigns c	one or more PEGs to a control.	
Comments:			
29. Action	Select OK .	"ORESP" from the CONTRO	OL CODE list and click
Response Time	e	For list to appear?	# Seconds
Comments:			
30. Action	Select	"BASE-003" from the PEG C	D list and click OK .
Comments:			

31. Action	Enter "1999/05/01" in the PEG CNTRL START DATE field.
Comments:	
32. Action	Click the Insert button in the toolbar.
Comments:	
·	
33. Action	Select "BASE-004" from the PEG CD list and click OK.
Comments:	
34. Action	Enter "1999/05/01" in the PEG CNTRL START DATE field.
Comments:	
35. Action	Select "BASE-005" from the PEG CD list and click OK .
Comments:	
36. Action	Enter "1999/05/01" in the PEG CNTRL START DATE field.
Comments:	

37. Action	Click the Exit button in the toolbar.		
Comments:			
38. Action	Click	ASSIGNING ACTIVITIES/	PROCESSES TO A
	CON	FROL button.	
Response Time	e	For screen to appear?	# Seconds
		one or more Activities/Processe	es to a control.
Comments:	\mathcal{C}		
39. Action	Select	"ORESP" from the CONTRO	OL CODE list and click
	OK.		
Response Time	e	For list to appear?	# Seconds
Comments:		**	
40. Action	Select	"AR-02-AC-21BASE3" f	rom the
	ACTI	VITY/PROCESS list and click	OK.
Comments:			
41. Action	Enter '	1999/05/01 " in the PRC CNT	TRL START DATE
	field.		
Comments:			
42. Action	Click	the Insert button in the toolbar	ſ .
Comments:			

43. Action	Select "AR-02-AC-21BASE4" from the
	ACTIVITY/PRO list and click OK .
Comments:	
44. Action	Enter "1999/05/01" in the PRC CNTRL START DATE
44. Action	field.
Comments:	Tierd.
45. Action	Select "AR-02-AC-21BASE5" from the
	ACTIVITY/PRO list and click OK .
Comments:	
46. Action	Enter "1999/05/01" in the PEG CNTRL START DATE
	field.
Comments:	
47. Action	Click the Exit button in the toolbar. This test is done.
Comments:	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

During the test you will be told what values to select from the lists. Some of the values will start with a three letter identifier for each base. The identifiers are:

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Activity/Process will end in BASE1, BASE2, etc.

1. Action	Start (CCS. Click the ACCEPT button	
Response Time		For screen to appear?	# Seconds
Response Time		For the MAIN MENU	# Seconds
		screen to appear?	
Comments:			

2. Action	Click	the INDUSTRIAL HYGIEN	NE MENU button.
Response Time	e	For screen to appear?	# Seconds
Comments:			

3. Action	Click the EMPLOYEES IN EXPOSURE GROUP button.		
Response Time	e	For the screen to appear?	# Seconds
Comments:			

4. Action	Select	"BASE-003" from the PEG li	st and click OK .
Response Time		For the list to appear?	# Seconds
Number of PE	Gs in th	ne list. (Displayed at bottom	# of PEGs
of the screen w			
Comments:			
5. Action	Press	return and the cursor should go	to the SSAN field in
	the EN	MPLOYEES CURRENTLY IN	N PEG block.
Comments:			
6. Action	Select	"BASE-006" from the SSAN	list and click OK .
Response Time For the list to appear? # Se			// C 1
Response 1 inc	<u>e </u>	For the list to appear?	# Seconds
Number of em	ployees	in the list. (Displayed at	# of Employees
Number of em	ployees		
Number of em	ployees	in the list. (Displayed at	
Number of embottom of the s	ployees	in the list. (Displayed at	
Number of embottom of the s	ployees	in the list. (Displayed at	
Number of embottom of the s Comments:	ployees screen v	in the list. (Displayed at while list is showing.)	# of Employees
Number of embottom of the s	ployees screen v	in the list. (Displayed at	# of Employees
Number of embottom of the s Comments:	ployees screen v	in the list. (Displayed at while list is showing.)	# of Employees
Number of embottom of the since Comments: 7. Action	ployees screen v	in the list. (Displayed at while list is showing.)	# of Employees
Number of embottom of the since Comments: 7. Action	ployees screen v	in the list. (Displayed at while list is showing.)	# of Employees
Number of embottom of the second Comments: 7. Action Comments:	ployees screen v	in the list. (Displayed at while list is showing.) "1999/05/01" in the START D	# of Employees OATE field.
Number of embottom of the since Comments: 7. Action	ployees screen v	in the list. (Displayed at while list is showing.)	# of Employees OATE field.
Number of embottom of the second Comments: 7. Action Comments:	ployees screen v	in the list. (Displayed at while list is showing.) "1999/05/01" in the START D	# of Employees OATE field.
Number of embottom of the second comments: 7. Action Comments: 8. Action	ployees screen v	in the list. (Displayed at while list is showing.) "1999/05/01" in the START D	# of Employees OATE field.

9. Action	Select	"BASE-007" from the SSAN	list and click OK .
Response Time		For the list to appear?	# Seconds
•		in the list. (Displayed at	# of Employees
-	-	while list is showing.)	r
Comments:		<u> </u>	
	-	(1000/00/01/11/11/17/17/17/17/17/17/17/17/17/17/17	
	Enter '	'1999/08/01 " in the START D	OATE field.
Comments:			
11. Action	Click t	the Insert button in the toolbar	•
Comments:			
-		"BASE-008" from the SSAN	
Response Time		For the list to appear?	# Seconds
1	•	in the list. (Displayed at	# of Employees
	creen v	while list is showing.)	
Comments:			
13. Action	Enter '	'1999/11/01 " in the START D	OATE field.
Comments:			
	Click t	the Commit button in the toolb	oar
Comments:			

15. Action	Now we will find all of the PEGs an employee has been		
	assigned. Click the QUERY EMP button in the toolbar.		
Response Time For screen to appear? # Second		# Seconds	
Comments:			

16. Action	Select "11111111" from the SSAN list and click OK . Click		
	the Query button once.		
Response Time	Response Time For list to appear? # Seconds		
Number of em	Number of employees in the list. (Displayed at # of Employees		
bottom of the screen while list is showing.)			
Comments:			

17. Action	Only employees who have a PEG assignment will appear in the list. To query on another employee click the Query button once and the SSAN field will turn white and the list button will appear. Select "222222222" from the SSAN list and click OK . Click the Query button once
Comments:	

18. Action	Click the Exit button in the toolbar.
*You should b	e in the EMPLOYEES IN EXPOSURE GROUP screen.
Comments:	

19. Action	Click the Insert button in the toolbar	•		
Comments:				
20. Action	Select "BASE-004" from the PEG lis	st and click OK .		
Response Tim	e For the list to appear?	# Seconds		
Number of PE	Gs in the list. (Displayed at bottom	# of PEGs		
of the screen w	while list is showing.)			
Comments:				
21. Action	Press return and the cursor should go			
	the EMPLOYEES CURRENTLY IN PEG block.			
Comments:				
22 4 1	G 1 . (4D A GE A00) C	1' . 1 1' 1 OT		
22. Action	Select "BASE-009" from the SSAN			
Response Tim		# Seconds		
	ployees in the list. (Displayed at	# of Employees		
bottom of the screen while list is showing.)				
Comments:				
00 4 3	E . ((1000)05/04%	ATTER C' 11		
23. Action	Enter "1999/05/01" in the START D	PATE field.		
Comments:				

24. Action	Click the Insert button in the toolbar.		
Comments:			
	G 1	100 C 4 CCAN	1' . 1 1' 1 OT
25. Action		10" from the SSAN	1
Response Tim	l e e e e e e e e e e e e e e e e e e e	st to appear?	# Seconds
	oloyees in the list.	· •	# of Employees
	creen while list is	showing.)	
Comments:			
26. Action	Enter "1000/08/	01" in the START I	ATE field
Comments:	Effet 1999/00/0	or make stakit	DATE Helu.
Comments.			
27. Action	Click the Insert	button in the toolbar	<u> </u>
Comments:			
28. Action	Click the Comm	it button in the tooll	bar.
Comments:			
29. Action	Click the Exit by	utton in the toolbar.	You should be at the
	INDUSTRIAL I	HYGIENE MENU.	
Comments:			

	1		
30. Action	We will use the pull down menu on the toolbar to get to the		
	training area. Click Menu on the toolbar at the top of the		
	screen	.	
Response Tim	ie	For the menu to appear?	# Seconds
Comments:			
31. Action	Select	Shared Functions.	
Comments:			
	T		
32. Action	Select	Training Menu.	
Comments:			
	Ια 1		
33. Action		Employee Training.	
Response Tim	e	For the screen to appear?	# Seconds
Comments:			
		(ID A CIT AGAIL C.	0T.11
34. Action		"BASE-002" from the COUR	
Response Tim		For the list to appear?	# Seconds
Number of COURSES in the list. (Displayed at # of COURSE			# of COURSES
bottom of the	screen v	while list is showing.)	
Comments:			

35. Action	Enter "1999/06/01" in the COURSE	DATE field.	
Comments:			
36. Action	Select "333333333" from the TRAIN		
-	e For the list to appear?	# Seconds	
	AINERS in the list. (Displayed at	# of TRAINERS	
	screen while list is showing.)	11.00	
	rrse may be taught on the same day by	different trainers.	
Comments:			
27	C-14 "TD A CTE 00022 for one 41 CC ANI	1!-4 1 -1!-1- OV	
37. Action	Select "BASE-006" from the SSAN		
Response Time For the list to appear? # Seconds			
	IPLOYEES in the list. (Displayed	# of EMPLOYEES	
at bottom of the screen while list is showing.)			
Comments:			
38. Action	Click the Insert button in the toolbar		
Comments:	Chek the Hiser t button in the toolbar	•	
Comments.			
39. Action	Select "BASE-007" from the SSAN	list and click OK	
Comments:	Select Bilds of Holli the Born	morand viion OII.	
Commonts.			

40. Action	Click the Insert button in the toolbar.
Comments:	
41. Action	Select "BASE-008" from the SSAN list and click OK.
Comments:	
42. Action	Click the Insert button in the toolbar.
Comments:	
43. Action	Select "BASE-009" from the SSAN list and click OK.
Comments:	
44. Action	Click the Insert button in the toolbar.
Comments:	
45. Action	Select "BASE-010" from the SSAN list and click OK.
Comments:	
46. Action	Click the Commit button in the toolbar.
Comments:	,

47. Action	To find the training history for an employee put the cursor in			
	the SSAN field in the EMPLOYEES block and the			
	TRAINING HISTORY button in the toolbar should turn on.			
	Click 1	this button.		
Response Time	e	For the screen to appear?	# Seconds	
Comments:				
48. Action		the courses for the employee w	1 •	
		. Print the history by pressing		
	button	in the toolbar. (The report sho	ould be printed to your	
	default printer.)			
Comments:				
	1			
49. Action	Click 1	the Exit button in the toolbar.		
Comments:				
	1			
50. Action	We ar	e now done with this test.		
Comments:				

General Post Test Questions

- 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

CCS WEB Demo Test 9 Performing Surveys

During the test you will be told what values to select from the lists. All of the values will start with a three letter identifier for each base. The identifiers are:

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ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action S	Start CCS. Click the ACCEPT button		
Response Time	For screen to appear?	# Seconds	
Response Time	For the MAIN MENU	# Seconds	
	screen to appear?		
Comments:			

2. Action	Click	the INDUSTRIAL HYGIE	NE MENU button.
Response Time		For screen to appear?	# Seconds
Comments:			

3. Action	Click the IH SAMPLING/SURVEY MENU button.				
Response Time	For screen to appear	r? # Seconds			
Comments:					

CCS WEB Demo Test 9 Performing Surveys

4. Action	Clialz	the AID SAMDI INC SUD	VEV button		
		the AIR SAMPLING SURVEY button. # Second			
Response Tim	<u>ie</u>	For the screen to appear?	# Seconds		
Comments:					
L					
5. Action	Create a new base sample number by clicking the check box to the left of CREATE NEW BASE SAMPLE NO.				
Comments:					
Г-··	Τ	(- 1, -1, -1, -1, -1, -1, -1, -1, -1, -1, -			
6. Action		a " E " from the COLLECTION	ON METHOD list and		
D Tim	click		# C 1 -		
Response Tim	<u>ie</u>	For the list to appear?	# Seconds		
Comments:					
7. Action	Select	"X" from the SAMPLE TYPE	PE list and click OK .		
Response Tim	-	For the list to appear?	# Seconds		
Comments:					
8. Action	The BASE SAMPLE NO should appear once you leave the				
	SAMPLE TYPE field.				
Comments:					
9. Action	Enter	"1999/01/01 1200" in the DA	TE/TIME OF SURVEY		
). 1 iction	field.	1////UI/UI 12UU III IIIC DI	IL I I DON VE		
Comments:	110101				

10. Action	Select	"A" from the TYPE OF SAM	IPLE list and click OK .	
Response Time		For the list to appear?	# Seconds	
Commments:				
	G 1	((D) (CF) ((A) (CF) (A) (D) (CF)	NORTH 1 11 1 OT	
11. Action	l	"BASE-002" from the PEG C		
Response Time	e	For the list to appear?	# Seconds	
Comments:				
	G 1	"DIOTINE ON TONE !		
12. Action		"BIOENVIRONMENTAL		
	_	MICALS" from the FUNCTION	ONAL AREA and	
	HAZA	ARD TYPE list and click OK .		
ъ т.			W G 1	
Response Time		For the list to appear?	# Seconds	
Comments:				
12 A .:	G 11	1 1 1 1 4 4 100	00/01/01 10002 : 41	
13. Action		down the page and enter " 199		
	COLL	ECTION DATES/TIMES ST	OP field.	
Comments:				
14 Action	Calast	"CH" from the COLLECTIO	N METHOD list and	
14. Action	click ("CH" from the COLLECTIO	IN IVIET HOD IISU ANG	
Dagnanga Tim	l .		# Casanda	
Response Time	e	For the list to appear?	# Seconds	
Comments:	Comments			
Comments:				

15. Action	Click the Commit button in the toolbar.		
Comments:			
16 Astion	Clinter the DECITE TO button in the toolbon		
16. Action	Click the RESULTS button in the toolbar. For the screen to appear? # Sec	da	
Response Tim Comments:	For the screen to appear? # Sec	Onus	
Comments.			
17. Action	Enter "106990" in the CAS NO field.		
Comments:			
10 4 4:	E . "44000/04/45" 1 DECLIETO DETLIDA DATE (" 1 <u>1</u>	
18. Action	Enter "1999/01/15" in the RESULTS RETURN DATE f	<u>1eia.</u>	
Comments:			
19. Action	Enter "~" in the IH SAMPLE CONC field.		
Comments:			
20 Action	Enter "500" in the part field		
20. Action Comments:	Enter "500" in the next field.		
Comments.			
21. Action	Enter " PPM " in the UOM field.		
Comments:			

22. Action	Enter "8" in the HOUR TWA field.		
Comments:			
	,		
23. Action	Click the TWA CALCULATION button in the toolbar, and the TWA calculations will be performed.		
Comments:	the 1 Wit calculations will be performed.		
Comments.			
24. Action	Click the Commit button in the toolbar.		
Comments:	,		
25. Action	Click the Exit button in the toolbar to go to the Air Sampling		
	Survey screen.		
Comments:			
26. Action	Click the Exit button in the toolbar to go to the Industrial		
	Hygiene Menu screen.		
Comments:			
27. Action	Click the DOSIMETER SURVEY button.		
Response Tim			
Comments:	c Tor the serecti to appear:		
Commonts.			

28. Action	Enter "1999/01/01 1000" in the DATE/TIME OF SURVEY
	field.
Comments:	
29. Action	Enter "BASE-002" in the SSAN field.
Comments:	
30. Action	Enter "BASE-002" in the PEG field.
Comments:	
31. Action	Select "BIOENVIRONMENTAL ENGINEERING CHEMICALS" from the FUNCTIONAL AREA list and click OK .
Comments:	
32. Action	Scroll down the page and enter " 3 " in the MONITOR EXCHANGE RATE field.
Comments:	
33. Action	Scroll down the page and enter " 1999/01/01 1800" in the STOP TIME field.
Comments:	

34. Action	Enter "8" in the TWA PERIOD field.
Comments:	
	T
35. Action	Enter "80" in the LEQ/ECL field.
Comments:	
36. Action	Click the CALCULATE button in the toolbar, and the
	DOSE field will be calculated.
Comments:	
· · ·	
37. Action	Click the Commit button in the toolbar.
Comments:	
38. Action	Click the Exit button in the toolbar.
Comments:	
39. Action	This test is done.
Comments:	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?

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DOB for Dobbins

ELM for Elmendorf

In the test instructions they will appear as BASE-001, BASE-002, etc. Replace BASE with your three letter identifier. For example if you are at Andrews every place it says BASE-001 you would use AND-001.

Activity/Process will end in BASE1, BASE2, etc.

1. Action	Start C	CCS. Click the ACCEPT butto	n
What time did	you sta	rt the test? (time zone)	Time
Response Time		For screen to appear?	# Seconds
Response Time		For the MAIN MENU	# Seconds
		screen to appear?	
Comments:			

2. Action	Click the OMS/PUBLIC HEALTH MENU botton.		
Response Time		For the screen to appear?	# Seconds
Comments:			

3. Action	Click the MEDICAL VISIT button.			
Response Time	For the screen to appear?	# Seconds		
Comments:				

4. Action	Enter "BASE–006" in the SSAN field.
Comments:	
5. Action	Enter "1999/02/01 1120" in the EXAM DATE/TIME field.
Comments:	
6. Action	Enter "A" in the MEDICAL VISIT TYPE field.
Comments:	
7. Action	Enter "F" in the CLINIC VISIT REASON field.
Comments:	
8. Action	Now go to the CLINIC block and put the cursor in the OPT
	field for the first record.
Comments:	

9. Action	Put a "Y" for the following LAB EXAMS: (Do not hit Enter after entering the "Y", instead use the mouse or the down arrow to move to the next Lab) • VITALS		
	•	BLOOD LEAD	
	•	CHEM1 LAB	
	•	PHYSICAL EXAM	
	Click	the Commit button in the tooll	bar.
Comments:			
10. Action		click the AUTO-CALLING S the screen. The VITALS scre	
Response Tim		For the VITALS screen to appear?	# Seconds
Comments:			
	1		
11. Action	Enter data into the screen as desired and then click the Commit button in the toolbar.		
Comments:			
	T ===		
12. Action	Click the Exit button in the toolbar, the BLOOD LEAD screen should appear.		
Response Time		For the BLOOD LEAD screen to appear?	# Seconds
Comments:			

13. Action	Select "CCSLAB" from the LAB ID NO list and click OK.			
Response Time		For the list to appear?	# Seconds	
Comments:				
	T T T 1	T / 1 DEGI	T TOO C' 11'1	
14. Action		e Enter key to go to the RESU	LTS field in the	
Comments	RESU	JLTS block.		
Comments:				
15. Action	Enter	result values for each of the TE	EST TYPEs listed.	
Comments:				
16. Action	Click	the Commit button in the tooll	oar.	
Comments:	Comments:			
17. Action	Click	the Exit button in the toolbar,	the CUEM1 I AR screen	
17. Action		l appear.	ine Chewit Lad screen	
Response Time		For the CHEM1 LAB	# Seconds	
		screen to appear?	n Seconds	
Comments:				
	_			
18. Action	Select "CCSLAB" from the LAB ID NO list and click OK .			
Comments:				
1				

19. Action		e Enter key to go to the RESU LTS block.	LTS field in the
Comments:			
20. Action	Entor	results into the records.	
Comments:	Eliter	results into the records.	
Comments.			
21 4 .:	G1: 1	1 0 11 11	
21. Action	Click	the Commit button in the toolb	oar.
Comments:			
22. Action	Click	the Exit button in the toolbar.	
Response Tim	e	For the PHYSICAL EXAM	# Seconds
		screen to appear?	
Comments:			
23. Action	Enter	values in the RESULTS and Co	OMMENTS fields.
Comments:			
24. Action	Click	the Commit button in the toolb	oar.
Comments:	,		
1			

25. Action	Click the Exit button in the toolbar, the MEDICAL VISIT
	screen should be displayed.
Comments:	
26. Action	Click in the SSAN field and click the Insert button in the toolbar.
Comments:	
27. Action	Enter "BASE-007" in the SSAN field.
Comments:	
20 4 :	E . ((1000/02/01 1120)) . 1
28. Action	Enter "1999/02/01 1120" in the EXAM DATE/TIME field.
Comments:	
29. Action	Enter "A" in the MEDICAL VISIT TYPE field.
Comments:	
30. Action	Enter " F " in the CLINIC VISIT REASON field.
Comments:	Enter F III the CLINIC VISIT REASON field.
Comments.	

T				
31. Action	Now go to the CLINIC block and put	the cursor in the OPT		
	field for the first record.			
Comments:				
32. Action	Put a "Y" for the following LAB EXA	AMS: (Do not hit Enter		
	after entering the "Y", instead use the	•		
	arrow to move to the next Lab)			
	• VITALS			
	BLOOD LEAD			
	• CHEM1 LAB			
	PHYSICAL EXAM			
	Click the Commit button in the toolb	AOP.		
	Chek the Commit button in the toole	7d1.		
<u> </u>				
Comments:				
33. Action	Click the AUTO-CALLING SCREEN button at the top of			
	the screen, the VITALS screen should	d display.		
Response Tim	e For the VITALS screen to	# Seconds		
	appear?			
Comments:				
34. Action	Enter data into the screen as desired and then click the			
	Commit button in the toolbar.			
Comments:				

35. Action	Click the Exit button in the toolbar, the BLOOD LEAD		
	screen	should display.	
Response Time		For the BLOOD LEAD	# Seconds
_		screen to appear?	
Comments:			
36. Action	Select	"CCSLAB" from the LAB ID	NO list and click OK .
Response Tim	e	For the list to appear?	# Seconds
Comments:			
,			
37. Action	Hit the	e Enter key to go to the RESU	LTS field in the
	RESU	ILTS block.	
Comments:			
	1		
38. Action	Enter	result values for each of the TE	EST TYPEs listed.
Comments:			
_	1		
39. Action	Click 1	the Commit button in the toolb	oar.
Comments:			

40. Action	Click the Exit button in the toolbar, the CHEM1 LAB screen		
	should display.		
Response Tim	e	For the CHEM1 LAB	Seconds
		screen to appear?	
Comments:			
	T		
41. Action	Select	"CCSLAB" from the LAB II	NO list and click OK .
Comments:			
	T		
42. Action	Hit the Enter key to go to the RESULTS field in the		
	RESU	ILTS block.	
Comments:			
12 1 2 1	Enter		
43. Action	Enter	results into the records.	
Comments:			
44. Action	Clials	the Commit button in the tooll	204
	Click	the Commit button in the took	Jai.
Comments:			
45. Action	Click	the Fyit button in the toolbar	the PHYSICAL FXAM
43. Action	Click the Exit button in the toolbar, the PHYSICAL Exscreen should display.		
Response Tim	•	For the PHYSICAL EXAM	Seconds
Response 1 iiii	C		Secolus
Comments:		screen to appear?	
Comments.			

46. Action	Enter values in the RESULTS and COMMENTS fields.
Comments:	
47. Action	Click the Commit button in the toolbar.
Comments:	
48. Action	Click the Exit button in the toolbar, the MEDICAL VISIT
	screen should display.
Comments:	
49. Action	This test is done.
Comments:	

General Post Test Questions

- 1. 1. Was the system responsive? 1 2 3 4 5 6 7 8 9 10
- 2. Did the PC running the system have any problems?
- 3. What was the configuration of the PC performing the test:
 - Processesor?
 - RAM?
 - Video Card?
 - Video RAM?
- 4. What time was the test completed?
- 5. What was the total time spent on this test?
- 6. Did the system lock-up?
 - How many times?
 - What where you doing when it locked up?